

# YOKE®

*Safety is our first priority™*

# YP™

Yellow Point

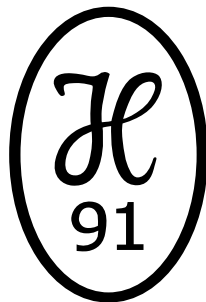
2018



Catalog No. 8-2018.1 YP







# Worldwide Quality Type Approval And Certificate:



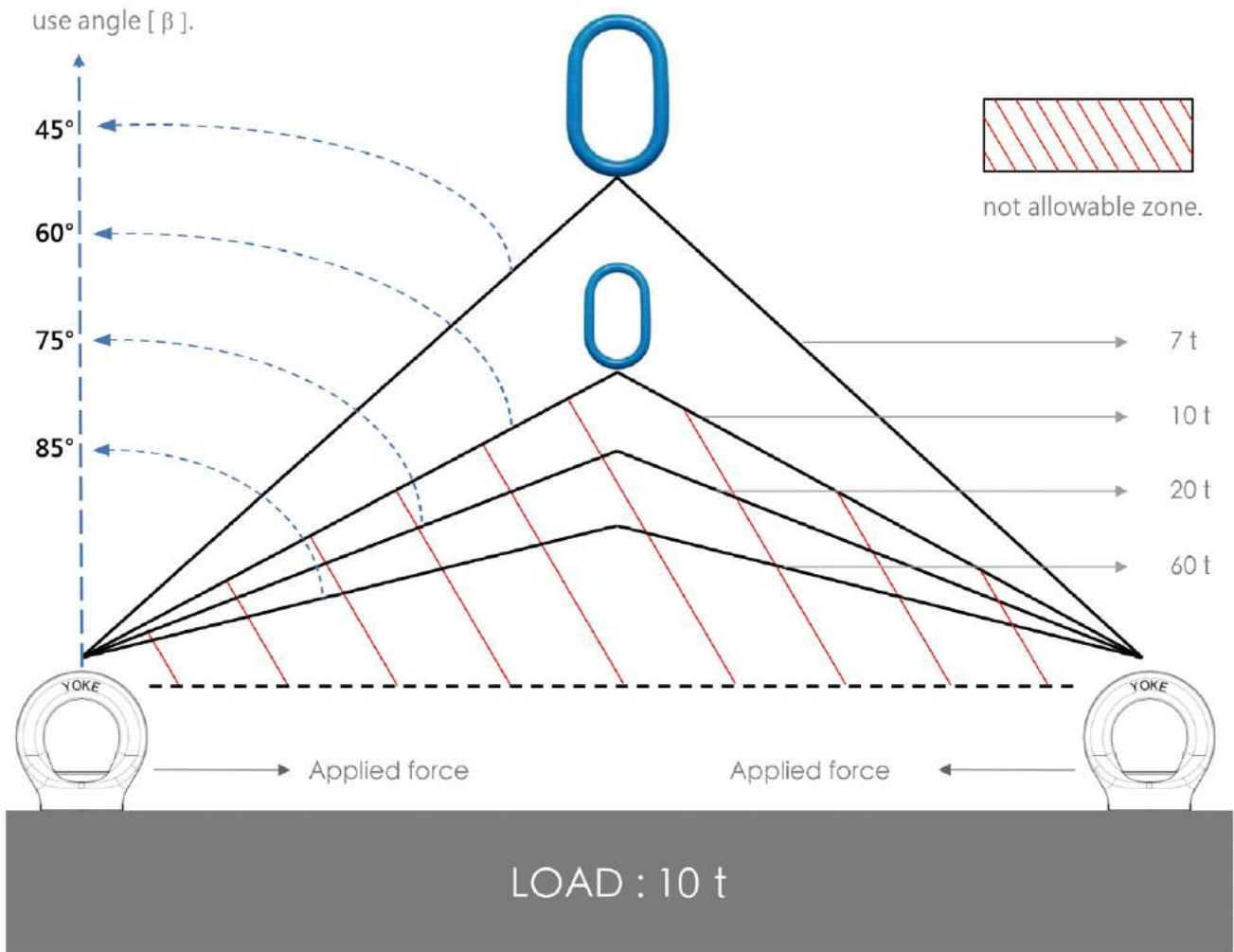
<http://www.yoke.net/thirdpartycertificate>

# YOKE YP Size & WLL Chart



	8-211	8-231	8-203	8-251	8-271	8-2511	8-291	8-S291
Thread	WLL(t)							
M 8	0.3	0.5	0.5	0.4 <i>NEW</i>	0.4		0.3	
M10	0.63	0.7	0.55	0.5	0.6		0.4	
M12	1	1	1.3	0.7	0.7		0.75	0.5
M14	1.2	1.5		1				
M16	1.5	2	2.4	1.4	1.5	1.4	1.5	1
M18	2	2.5						
M20			2.7	1.7				
	2.5	3	3.75	2.5	2.5	2.5	2.3	2
M24				1.7				
	4	5	5.25	4	4	4	3.2	2.5
M27	4	5.6						
M30				4				
				6.7				
	5	7.8	8.75	8	7.5	6.7	4.5	
M36	7							
	8	12.5	13.75	10	10	10	7	
M42	10			12.5				
	15	15.6	15.6	13	13	13	9	
M45				12.5				
				17				
M48				12.5				
	20	20	16.9	17	14	16	12	
M56	22 <i>NEW</i>	22	19.4	18	20		+16 <i>WLL upgrade</i>	
M64				20				
	22.5 <i>NEW</i>	22.5	27.9	28	20		++18 <i>WLL upgrade</i>	
M72				28				
M80				28				
				35				
				40				
M90				35				
				40				
M100				40				

+ WLL=16 (was 12)  
 ++WLL=18 (was 12)



## Tension in a single leg

The Tension load is also acting on the Yellow Points.

## Quality Control, Testing, and Detecting during manufacturing

YOKE runs a constant and strict production facility with quality control in every manufacturing stage from raw materials to the completed product. YOKE is an ISO 9001 certified company and has Type Approval by the major international authorities from Deutsche Gesetzliche Unfallversicherung (DGUV) , ABS, API, and DNV. YOKE has achieved CNLA certification - Chinese National Laboratory Accreditation which ensures a quality research and development (R&D) department and unsurpassed product engineering.

### ■ Magnaflux Crack Detection:

All forged components are individually magnaflux detected after heat treatment.

### ■ Proof Load Testing:

YOKE Yellow Points are proof load qualified to 2.5 times the Working Load Limit within 1% permanent deformation.

### ■ Dynamic Fatigue Testing:

Batch samples of YOKE Yellow Points are Dynamic Fatigue Tested to 20,000 cycles at 1.5 times the Working Load Limit.

### ■ Ultimate Breaking Load Testing:

Batch samples are tested in a static tensile testing machine until failure. Minimum ultimate force equals to the Working Load Limit times safety factor.

### ■ Spectrographic Analysis:

To assure of the proper metallurgy content of all raw materials.



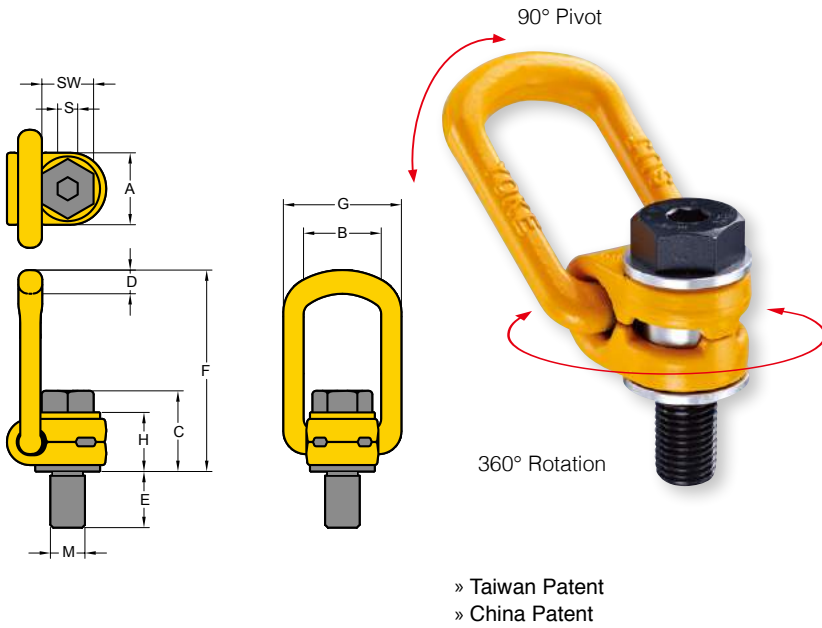
Test certificate  
Complied to EN10204



# Safety is our first priority™

- Quality, Reliability, Innovation -





- Rotates through 360° and pivot 90°.
- Manufactured from alloy steel, quenched and tempered.
- Manufactured and tested in accordance with EN1677-1.
- Certified by DGUV GS-OA 15-04.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and cap screw are traceable to Test Certification.
- Bolts are Metric thread (ASME / ANSI B18.3.1M), specification is alloy socket head screw per DIN EN ISO 4762.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Quick and simple assembly, just a tapped hole is required.

## Lifting Point

Metric Thread (8-211)



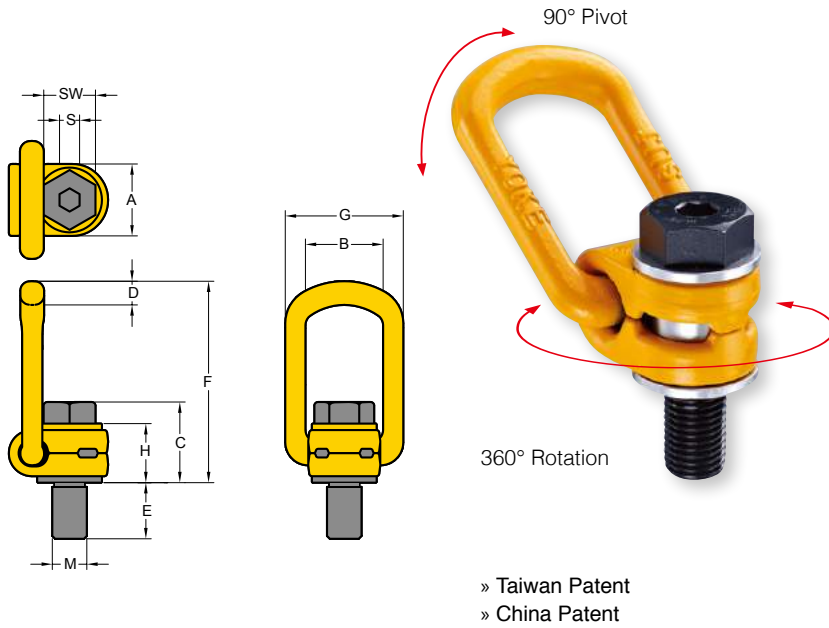
Item No.	Working Load Limit tonnes	Thread version			Dimensions								Torque in		N.W. kg
		M	E	Pitch DIN13	A	B	C	D	F	G	H	S	SW	Nm	
8-211-003	0.3	M 8	11	1.25	30	35	35	10	85	55	29	6	13	30	0.2
8-211-006	0.63	M 10	16	1.5	30	35	36	10	85	55	29	6	17	60	0.3
8-211-010	1	M 12	18	1.75	33	37	44	14	98	57	36	8	19	100	0.5
8-211-012	1.2	M 14	21	2	33	37	45	14	98	57	36	10	22	120	0.5
8-211-015	1.5	M 16	24	2	33	37	46	14	98	57	36	10	24	150	0.5
8-211-020	2	M 18	26	2	50	54	57	17	140	82	44	12	30	200	1.3
8-211-025	2.5	M 20	30	2.5	50	54	57	17	140	82	44	12	30	250	1.3
8-211-040	4	M 24	36	3	50	54	59	17	140	82	44	14	36	400	1.4
8-211-042	4	M 27	38	3	60	65	79	23	170	99	62	17	41	400	2.8
8-211-050	5	M 30	48	3.5	60	65	81	23	170	99	62	17	46	500	3.1
8-211-070	7	M 36	54	4	60	65	88	23	178	99	65	22	55	700	3.3
8-211-080	8	M 36	62	4	77	85	101	27	225	124	78	22	55	800	5.8
8-211-100	10	M 42	72	4.5	77	85	104	27	225	124	78	24	65	1000	6.3
8-211-150	15	M 42	63	4.5	95	104	112	36	256	158	86	24	65	1500	10.8
8-211-200	20	M 48	72	5	95	104	120	36	259	158	90	27	75	2000	11.6
8-211-220	22 <b>NEW</b>	M 56	84	5.5	95	104	128	36	259	158	90	27	89	2100	15.0
8-211-225	22.5 <b>NEW</b>	M 64	100	6	113	104	133	36	259	158	90	32	95	2200	16.3

\* Design Factor 4:1

\* Bolt in GEOMET® finished on request



Kind of attachment	↑		A		↑		A		B		B	
	G	G	G	G	G	G	G	G	G	G	G	G
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.	Thread	WLL(t)										
8-211-003	M 8	0.3	0.6	0.3	0.6	0.42	0.3	0.3	0.63	0.45	0.3	
8-211-006	M 10	0.63	1.26	0.63	1.26	0.88	0.63	0.63	1.32	0.95	0.63	
8-211-010	M 12	1	2	1	2	1.4	1	1	2.1	1.5	1	
8-211-012	M 14	1.2	2.4	1.2	2.4	1.7	1.2	1.2	2.5	1.8	1.2	
8-211-015	M 16	1.5	3	1.5	3	2.1	1.5	1.5	3.1	2.2	1.5	
8-211-020	M 18	2	4	2	4	2.8	2	2	4.2	3	2	
8-211-025	M 20	2.5	5	2.5	5	3.5	2.5	2.5	5.2	3.7	2.5	
8-211-040	M 24	4	8	4	8	5.6	4	4	8.4	6	4	
8-211-042	M 27	4	8	4	8	5.6	4	4	8.4	6	4	
8-211-050	M 30	5	10	5	10	7	5	5	10.5	7.5	5	
8-211-070	M 36	7	14	7	14	9.8	7	7	14.7	10.5	7	
8-211-080	M 36	8	16	8	16	11.2	8	8	16.8	12	8	
8-211-100	M 42	10	20	10	20	14	10	10	21	15	10	
8-211-150	M 42	15	30	15	30	21	15	15	31.5	22.5	15	
8-211-200	M 48	20	40	20	40	28	20	20	42	30	20	
8-211-220	M 56	22	44	22	44	30.8	22	22	46.2	33	22	
8-211-225	M 64	22.5	45	22.5	45	31.5	22.5	22.5	47.25	33.75	22.5	



- Rotates through 360° and pivots 90°.
- Manufactured from alloy steel, quenched and tempered.
- Manufactured and tested in accordance with EN1677-1.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and cap screw are traceable to Test Certification.
- Bolts are UNC thread (ASME / ANSI B18.3.1M), specification is alloy socket head screw per DIN EN ISO 4762.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Quick and simple assembly, just a tapped hole is required.

## Lifting Point

UNC Thread (8-212)



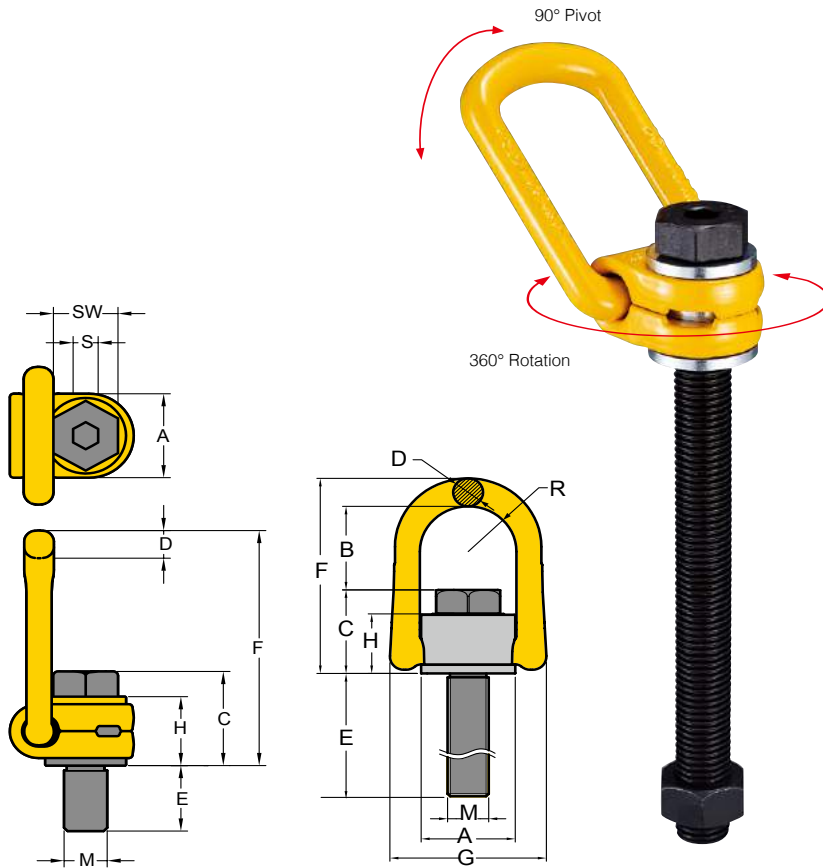
Item No.	Working Load Limit tonnes	Thread version			Dimensions									Torque in		N.W. lbs
		M inch	E inch	TPI	A	B	C	D	F	G	H	S	SW	Nm		
8-212-010	1	1/2	0.75	13UNC	1.30	1.46	1.73	0.53	3.86	2.24	1.42	5/16	3/4	100	1.1	
8-212-015	1.5	5/8	0.94	11UNC	1.30	1.46	1.81	0.53	3.86	2.24	1.42	3/8	1 5/16	150	1.1	
8-212-020	2.5	3/4	1.10	10UNC	1.97	2.13	2.20	0.65	5.51	3.23	1.73	1/2	1 1/8	250	2.9	
8-212-025	2.5	7/8	1.10	9UNC	1.97	2.13	2.28	0.65	5.51	3.23	1.73	5/8	1 5/16	300	2.9	
8-212-040	4	1	1.61	8UNC	1.97	2.13	2.34	0.65	5.51	3.23	1.73	5/8	1 1/2	400	3.1	
8-212-050	5	1 1/4	1.61	7UNC	2.36	2.56	3.23	0.89	6.69	3.90	2.44	7/8	1 7/8	500	6.8	
8-212-080	8	1 1/2	2.25	6UNC	3.03	3.35	4.01	1.04	8.86	4.88	3.07	1	2 1/4	800	12.8	
8-212-150	15	1 3/4	2.63	5UNC	3.74	4.09	4.48	1.42	10.08	6.22	3.39	1	2 5/8	1500	24.0	
8-212-200	20	2	3.00	4.5UNC	3.74	4.09	4.76	1.42	10.20	6.22	3.54	1 1/4	3	2000	25.5	

\* Design Factor 4:1

\* Bolt in GEOMET® finished on request



Kind of attachment																
	Number of legs	Load direction	Number of legs	Load direction	Number of legs	Load direction	Number of legs	Load direction	Number of legs	Load direction	Number of legs	Load direction	Number of legs	Load direction	Number of legs	Load direction
Item No.	Thread	WLL(t)														
8-212-010	1/2	1	2	1	2	1.4	1	1	2.1	1.5	1					
8-212-015	5/8	1.5	3	1.5	3	2.1	1.5	1.5	3.1	2.2	1.5					
8-212-020	3/4	2.5	5	2.5	5	3.5	2.5	2.5	5.2	3.7	2.5					
8-212-025	7/8	2.5	5	2.5	5	3.5	2.5	2.5	5.2	3.7	2.5					
8-212-040	1	4	8	4	8	5.6	4	4	8.4	6	4					
8-212-050	1 1/4	5	10	5	10	7	5	5	10.5	7.5	5					
8-212-080	1 1/2	8	16	8	16	11.2	8	8	16.8	12	8					
8-212-150	1 3/4	15	30	15	30	21	15	15	31.5	22.5	15					
8-212-200	2	20	40	20	40	28	20	20	42	30	20					



- Rotates through 360° and pivots 90°.
- Manufactured from alloy steel, quenched and tempered.
- Manufactured and tested in accordance with EN1677-1.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and cap screw are traceable to Test Certification.
- Bolts are Metric thread (ASME / ANSI B18.3.1M), specification is alloy socket head screw per DIN EN ISO 4762.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Quick and simple assembly, just a tapped hole is required.

» Taiwan Patent  
» China Patent

## Lifting Point Long Bolt

Metric Thread (8-211)



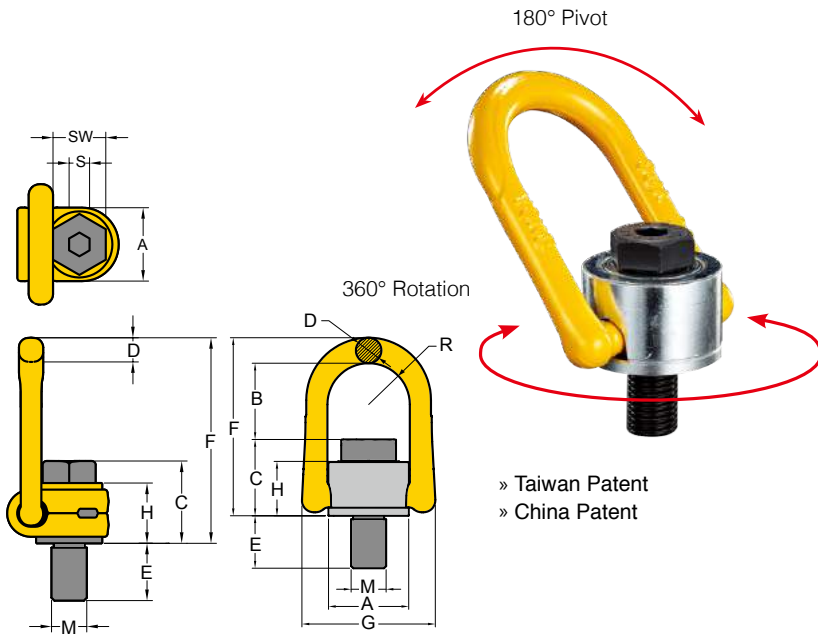
Item No.	Working Load Limit tonnes	Thread version			Dimensions									Torque in		N.W. kg
		M	E	Pitch DIN13	A	B	C	D	F	G	H	S	SW	Nm		
8-211-003/105L	0.3	M 8	76	1.25	30	35	35	10	85	55	29	6	13	30	0.3	
8-211-006/125L	0.63	M 10	96	1.5	30	35	36	10	85	55	29	6	17	60	0.4	
8-211-010/150L	1	M 12	114	1.75	33	37	44	14	98	57	36	8	19	100	0.6	
8-211-015/185L	1.5	M 16	149	2	33	37	46	14	98	57	36	10	24	150	0.7	
8-211-025/230L	2.5	M 20	186	2.5	50	54	57	17	140	82	44	12	30	250	1.7	
8-211-040/265L	4	M 24	221	3	50	54	59	17	140	82	44	14	36	400	2.1	
8-211-050/340L	5	M 30	278	3.5	60	65	81	23	170	99	62	17	46	500	4.3	
8-211-080/300L	8	M 36	222	4	77	85	101	27	225	124	78	22	55	800	7.3	
8-211-100/350L	10	M 42	272	4.5	77	85	104	27	225	124	78	24	65	1000	8.7	
8-211-150/350L	15	M 42	264	4.5	95	104	112	36	256	158	86	24	65	1500	13.1	
8-211-200/385L	20	M 48	295	5	95	104	120	36	259	158	90	27	75	2000	15.2	

\* Design Factor 4:1

\* Bolt in GEOMET<sup>®</sup> finished on request



Kind of attachment											
Number of legs	Load direction	1	2	1	2	2	2	2	3-4	3-4	3-4
Item No.	Thread	WLL(t)									
8-211-003/105L	M 8	0.3	0.6	0.3	0.6	0.42	0.3	0.3	0.63	0.45	0.3
8-211-006/125L	M10	0.63	1.26	0.63	1.26	0.88	0.63	0.63	1.32	0.95	0.63
8-211-010/150L	M12	1	2	1	2	1.4	1	1	2.1	1.5	1
8-211-015/185L	M16	1.5	3	1.5	3	2.1	1.5	1.5	3.1	2.2	1.5
8-211-025/230L	M20	2.5	5	2.5	5	3.5	2.5	2.5	5.2	3.7	2.5
8-211-040/265L	M24	4	8	4	8	5.6	4	4	8.4	6	4
8-211-050/340L	M30	5	10	5	10	7	5	5	10.5	7.5	5
8-211-080/300L	M36	8	16	8	16	11.2	8	8	16.8	12	8
8-211-100/350L	M42	10	20	10	20	14	10	10	21	15	10
8-211-150/350L	M42	15	30	15	30	21	15	15	31.5	22.5	15
8-211-200/385L	M48	20	40	20	40	28	20	20	42	30	20



- Rotates through 360° and pivots 180°, and simultaneously allows lifting from any direction.
- 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 and cap screw are traceable to Test Certification.
- Bolts are Metric thread (ASME / ANSI B18.3.1M), specification is alloy socket head screw per DIN EN ISO 4762.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Quick and simple assembly, just a tapped hole is required.

## Anchor Point

Metric Thread (8-231)



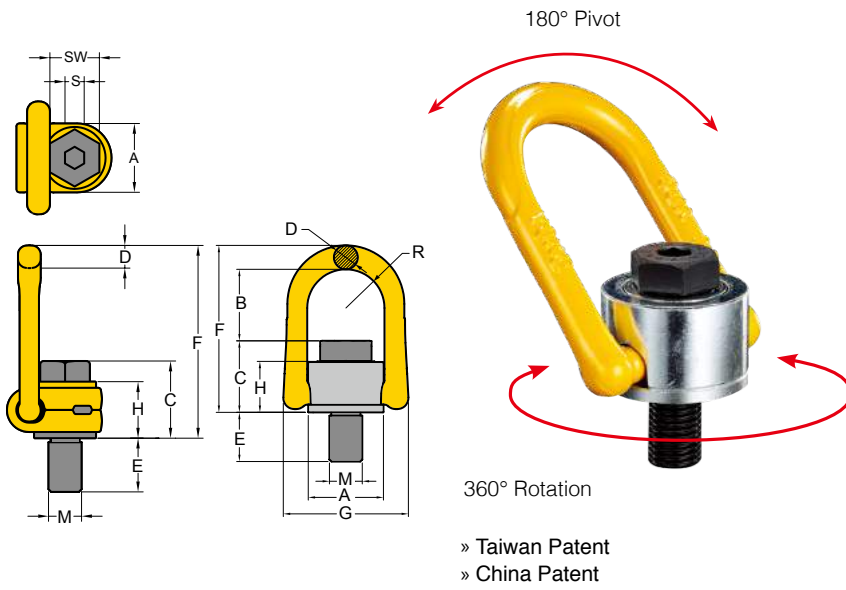
Item No.	Working Load Limit	Thread version			Dimensions										Torque in		N.W.
		M	E	Pitch	A	B	C	D	F	G	H	R	S	SW	Nm	kg	
	tonnes	mm	mm	DIN13	mm												
8-231-005	0.5	M 8	12	1.25	33	42	28	11	80	58	23	17	6	13	30	0.3	
8-231-007	0.7	M 10	15	1.5	33	41	29	11	80	58	23	17	6	17	60	0.3	
8-231-010	1.0	M 12	20	1.75	33	40	31	11	80	58	23	17	8	19	100	0.3	
8-231-015	1.5	M 14	21	2	50	56	45	17	117	90	36	27	10	22	120	0.9	
8-231-020	2.0	M 16	24	2	50	54	46	17	117	90	36	27	10	24	150	0.9	
8-231-025	2.5	M 18	26	2.5	65	78	57	20	153	108	44	34	12	30	200	1.9	
8-231-030	3.0	M 20	30	2.5	50	52	49	17	117	90	36	27	12	30	250	1.0	
8-231-050	5.0	M 24	36	3	72	81	59	25	163	125	44	37	14	36	400	2.6	
8-231-056	5.6	M 27	38	3	87	86	79	30	204	148	62	46	17	41	400	4.9	
8-231-078	7.8	M 30	48	3.5	87	94	81	30	204	148	62	46	17	46	500	5.0	
8-231-125	12.5	M 36	54	4	110	112	98	36	247	188	75	57	22	55	1000	9.6	
8-231-156	15.6	M 42	63	4.5	110	101	108	36	247	188	83	57	24	65	1500	10.9	
8-231-200	20.0	M 48	72	5	110	97	113	36	248	188	83	57	27	75	2000	11.6	
8-231-220	22.0	M 56	84	5.5	123	116	121	36	274	202	91	64	27	85	2100	15.0	
8-231-225	22.5	M 64	100	6	123	111	126	36	274	202	91	64	32	95	2200	16.3	

\* Design Factor 4:1





Kind of attachment											
Number of legs	Load direction	1	2	1	2	2	2	2	3-4	3-4	3-4
Item No.	Thread	0°	0°	90°	90°	0-45°	45° - 60°	unsymm.	0 - 45°	45° - 60°	unsymm.
		WLL(t)									
8-231-005	M 8	0.8	1.6	0.5	1	0.7	0.5	0.5	1.1	0.8	0.5
8-231-007	M10	1.2	2.4	0.7	1.4	1	0.7	0.7	1.5	1.1	0.7
8-231-010	M12	2	4	1	2	1.4	1	1	2.1	1.5	1
8-231-015	M14	2.4	4.8	1.5	3	2.1	1.5	1.5	3.2	2.3	1.5
8-231-020	M16	3.2	6.4	2	4	2.8	2	2	4.2	3	2
8-231-025	M18	5	10	2.5	5	3.5	2.5	2.5	5.3	3.8	2.5
8-231-030	M20	5.6	11.2	3	6	4.2	3	3	6.3	4.5	3
8-231-050	M24	9.2	18.4	5	10	7	5	5	10.5	7.5	5
8-231-056	M27	10	20	5.6	11.2	7.8	5.6	5.6	11.8	8.4	5.6
8-231-078	M30	12	24	7.8	15.6	10.9	7.8	7.8	16.4	11.7	7.8
8-231-125	M36	14	28	12.5	25	17.5	12.5	12.5	26.3	18.8	12.5
8-231-156	M42	16	32	15.6	31.2	21.8	15.6	15.6	32.8	23.4	15.6
8-231-200	M48	20	40	20	40	28	20	20	42	30	20
8-231-220	M56	22	44	22	44	30.8	22	22	46.2	33	22
8-231-225	M64	22.5	45	22.5	40	28	20	20	42	30	20



- Rotates through 360° and pivots 180°, and simultaneously allows lifting from any direction.
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## Anchor Point

UNC Thread (8-232)

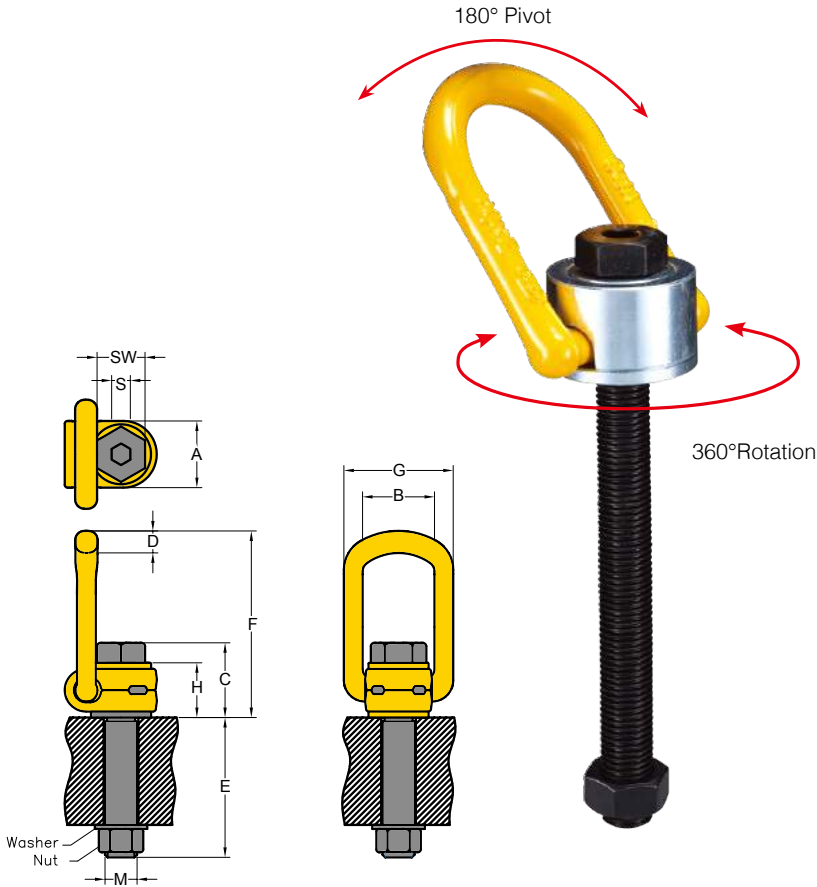


Item No.	Working Load Limit	Thread version			Dimensions										Torque		N.W.	
		M	E	TPI	A	B	C	D	F	G	H	R	S	SW	in	Nm		lbs
	tonnes	inch	inch															
8-232-010	0.8	1/2	0.81	13 UNC	1.3	1.57	1.20	0.41	3.17	2.28	0.90	0.67	5/16	3/4	100	1.8		
8-232-020	1.6	5/8	1.13	11 UNC	1.97	2.13	1.81	0.65	4.61	3.54	1.42	1.06	3/8	15/16	150	2.0		
8-232-030	2.4	3/4	1.54	10 UNC	1.97	2.07	1.89	0.65	4.61	3.54	1.42	1.06	1/2	1 1/8	250	2.2		
8-232-038	3.0	7/8	1.42	9 UNC	2.56	2.99	2.28	0.79	6.02	4.25	1.73	1.34	5/8	15/16	300	4.3		
8-232-050	4.5	1	1.61	8 UNC	2.81	3.17	2.34	0.98	6.38	4.92	1.73	1.46	5/8	1 1/2	400	5.7		
8-232-078	6.25	1 1/4	2.09	7 UNC	3.43	3.66	2.23	1.18	8.07	5.83	2.44	1.79	7/8	17/8	500	11.0		
8-232-125	10.0	1 1/2	2.40	6 UNC	4.29	4.38	3.87	1.42	9.92	7.40	3.07	2.22	1	21/4	800	21.2		
8-232-200	16.0	2	3.00	4.5 UNC	4.61	3.80	4.46	1.42	9.93	7.71	3.35	2.38	11/4	3	2000	25.6		

\* Design Factor 5:1



Kind of attachment																				
	Number of legs	Load direction	1	2	1	2	2	2	2	2	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4
Item No.	Thread	WLL(t)																		
8-232-010	1/2	1.6	3.2	0.8	1.6	1.12	0.8	0.8	1.68	1.2	0.8									
8-232-020	5/8	2.6	5.2	1.6	3.2	2.24	1.6	1.6	3.36	2.4	1.6									
8-232-030	3/4	4	8	2.4	4.8	3.36	2.4	2.4	5.04	3.6	2.4									
8-232-038	7/8	4.5	9	3	6	4.2	3	3	6.3	4.5	3									
8-232-050	1	7.4	14.8	4	8	5.6	4	4	8.4	6	4									
8-232-078	1 1/4	9.6	19.2	6.25	12.5	8.75	6.25	6.25	13.13	9.38	6.25									
8-232-125	1 1/2	11	22	10	20	14	10	10	21	15	10									
8-232-200	2	16	32	16	32	22.4	16	16	33.6	24	16									



- Rotates through 360° and pivots 180°, and simultaneously allows lifting from any direction.
- 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 and cap screw are traceable to Test Certification.
- Bolts are Metric thread (ASME / ANSI B18.3.1M), specification is alloy socket head screw per DIN EN ISO 4762.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Quick and simple assembly, just a tapped hole is required.

» Taiwan Patent  
» China Patent

## Anchor Point Long Bolt

Metric Thread (8-231)

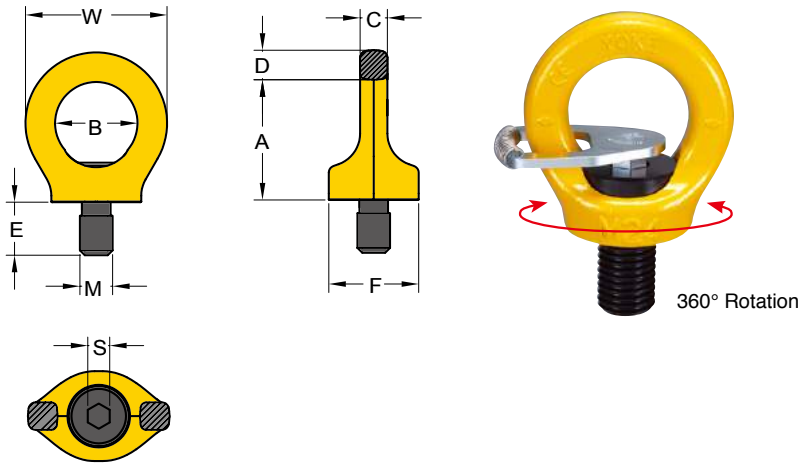


Item No.	Working Load Limit tonnes	Thread version			Dimensions										Torque in		N.W. kg
		M	E	Pitch DIN13	A	B	C	D	F	G	H	R	S	SW	Nm		
8-231-005/105L	0.5	M 8	83	1.25	33	42	28	11	80	58	23	17	6	13	30	0.3	
8-231-007/125L	0.7	M 10	103	1.5	33	41	29	11	80	58	23	17	6	17	60	0.4	
8-231-010/150L	1.0	M 12	128	1.75	33	40	31	11	80	58	23	17	8	19	100	0.4	
8-231-020/185L	2.0	M 16	149	2	50	54	46	17	117	90	36	27	10	24	150	1.1	
8-231-030/230L	3.0	M 20	194	2.5	50	52	49	17	117	90	36	27	12	30	250	1.4	
8-231-050/265L	5.0	M 24	221	3	72	81	59	25	163	125	44	37	14	36	400	3.2	
8-231-078/340L	7.8	M 30	278	3.5	87	94	81	30	204	148	62	46	17	46	500	6.3	
8-231-125/300L	12.5	M 36	225	4	110	112	98	36	247	188	75	57	22	55	1000	10.9	
8-231-156/350L	15.6	M 42	268	4.5	110	101	108	36	247	188	83	57	24	65	1500	13.9	
8-231-200/385L	20.0	M 48	303	5	110	97	113	36	248	188	83	57	27	75	2000	14.7	

\* Design Factor 4:1



Kind of attachment											
Number of legs	Load direction	1	2	1	2	2	2	2	3-4	3-4	3-4
Item No.	Thread	0°	0°	90°	90°	0-45°	45° - 60°	unsymm.	0 - 45°	45° - 60°	unsymm.
		WLL(t)									
8-231-005/105L	M 8	0.8	1.6	0.5	1	0.7	0.5	0.5	1.1	0.8	0.5
8-231-007/125L	M10	1.2	2.4	0.7	1.4	1	0.7	0.7	1.5	1.1	0.7
8-231-010/150L	M12	2	4	1	2	1.4	1	1	2.1	1.5	1
8-231-020/185L	M16	3.2	6.4	2	4	2.8	2	2	4.2	3	2
8-231-030/230L	M20	5.6	11.2	3	6	4.2	3	3	6.3	4.5	3
8-231-050/265L	M24	9.2	18.4	5	10	7	5	5	10.5	7.5	5
8-231-078/340L	M30	12	24	7.8	15.6	10.9	7.8	7.8	16.4	11.7	7.8
8-231-125/300L	M36	14	28	12.5	25	17.5	12.5	12.5	26.3	18.8	12.5
8-231-156/350L	M42	16	32	15.6	31.2	21.8	15.6	15.6	32.8	23.4	15.6
8-231-200/385L	M48	20	40	20	40	28	20	20	42	30	20



- Rotates through 360° adjustable in the direction of the load.
  - Manufactured from alloy steel, quenched and tempered.
  - Manufactured and tested in accordance with EN1677-1.
  - Load rated parts are 100% magnaflux crack detected.
  - Individual forged parts and cap screw are traceable to Test Certification.
  - Bolts are Metric thread (ASME / ANSI B18.3.1M), specification is alloy socket head screw per DIN EN ISO 4762.
  - Proof tested to 2.5 times the WLL.
  - Fatigue rated to 20,000 cycles at 1.5 times the WLL.
  - All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
  - Quick and simple assembly, just a tapped hole is required.
- » China Patent  
 » French Patent  
 » Australian Patent

## Key Eye Point

Metric Thread (8-291K)



Item No.	Working Load Limit	Thread version			Dimensions							Torque in	N.W.
		M	E	Pitch	A	B	C	D	F	S	W		
	tonnes	mm	mm	DIN13				mm				Nm	kg
8-291K-003	0.3	M 8	12	1.25	36	25	8	9	25	6	44	10	0.1
8-291K-004	0.4	M 10	15	1.5	36	25	8	9	25	6	44	10	0.1
8-291K-007	0.75	M 12	18	1.75	45	30	10	11	33	8	52	10	0.2
8-291K-015	1.5	M 16	24	2	52	35	14	13	35	10	61	30	0.3
8-291K-023	2.3	M 20	30	2.5	60	40	16	15	44	12	70	70	0.6
8-291K-032	3.2	M 24	36	3	72	48	19	18	52	14	84	150	1.0
8-291K-045	4.5	M 30	45	3.5	90	60	24	22	60	17	105	350	1.8
8-291K-070	7.0	M 36	54	4	109	72	29	27	76	22	126	410	3.2
8-291K-090	9.0	M 42	63	4.5	123	82	34	32	88	24	147	550	5.0
8-291K-120	12.0	M 48	72	5	144	94	38	37	104	27	168	550	7.6
8-291K-140	+16.0	M 56	84	5.5	147	102	40	43	124	27	178	800	9.2
8-291K-150	++18.0	M 64	95	6	147	102	40	43	130	27	178	800	10.0

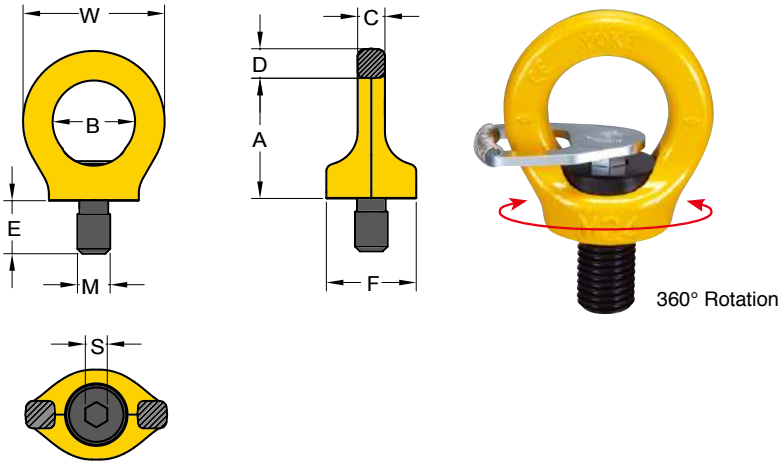
+ WLL=16 (was 12)  
 ++ WLL=18 (was 12)  
 \* Design Factor 4:1

*WLL upgrade*  
*WLL upgrade*



Kind of attachment											
Number of legs	Load direction	1	2	1	2	2	2	2	3-4	3-4	3-4
Item No.	Thread										
		WLL(t)									
8-291K-003	M 8	1	2	0.3	0.6	0.42	0.3	0.3	0.63	0.45	0.3
8-291K-004	M10	1	2	0.4	0.8	0.56	0.4	0.4	0.8	0.6	0.4
8-291K-007	M12	2	4	0.75	1.5	1	0.75	0.75	1.5	1.1	0.75
8-291K-015	M16	4	8	1.5	3	2.1	1.5	1.5	3.1	2.2	1.5
8-291K-023	M20	6	12	2.3	4.6	3.2	2.3	2.3	4.8	3.4	2.3
8-291K-032	M24	8	16	3.2	6.4	4.5	3.2	3.2	6.7	4.8	3.2
8-291K-045	M30	12	24	4.5	9	6.3	4.5	4.5	9.4	6.7	4.5
8-291K-070	M36	16	32	7	14	9.8	7	7	14.7	10.5	7
8-291K-090	M42	24	48	9	18	12.6	9	9	18.9	13.5	9
8-291K-120	M48	32	64	12	24	16.8	12	12	25	18	12
8-291K-140	M56	34	68	+16	32	22.4	+16	+16	32	24	16
8-291K-150	M64	36	72	++18	36	25.2	++18	++18	36	27	18

+ WLL=16 (was 12)  
 ++ WLL=18 (was 12)



- Rotates through 360° adjustable in the direction of the load.
- Manufactured from alloy steel, quenched and tempered.
- Manufactured and tested in accordance with EN1677-1.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and cap screw are traceable to Test Certification.
- Bolts are UNC thread (ASME / ANSI B18.3.1M), specification is alloy socket head screw per DIN EN ISO 4762.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Quick and simple assembly, just a tapped hole is required.

- » Chinese Patent
- » French Patent
- » Australian Patent

## Key Eye Point

UNC Thread (8-292K)



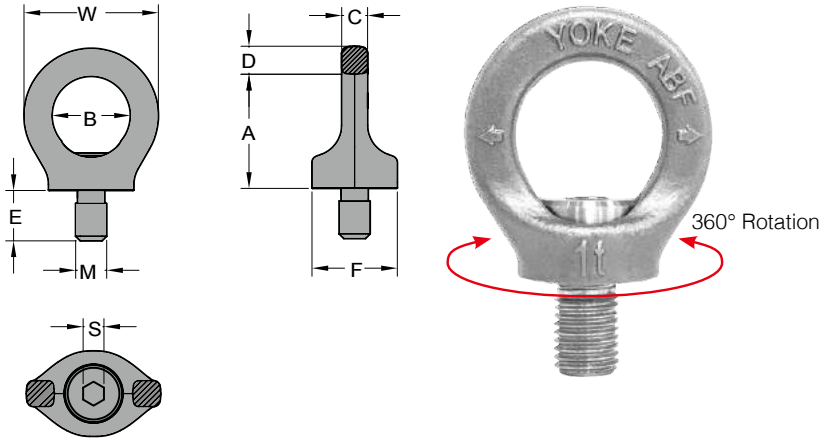
Item No.	Working Load Limit	Thread version			Dimensions							Torque		N.W.
		M	E	TPI	A	B	C	D	F	S	W	in		
	tonnes	inch	inch				inch					Nm	lbs	
8-292K-003	0.3	5/16	0.47	18UNC	1.42	0.98	0.31	0.35	0.98	0.25	1.73	10	0.2	
8-292K-004	0.4	3/8	0.57	16UNC	1.42	0.98	0.31	0.35	0.98	0.25	1.73	10	0.2	
8-292K-007	0.75	1/2	0.75	13UNC	1.77	1.18	0.39	0.43	1.30	0.31	2.05	10	0.4	
8-292K-015	1.5	5/8	0.94	11UNC	2.05	1.38	0.55	0.51	1.38	0.37	2.40	30	0.7	
8-292K-023	2.3	3/4	1.13	10UNC	2.36	1.57	0.63	0.59	1.73	0.50	2.76	70	1.3	
8-292K-025	2.3	7/8	1.31	9UNC	2.36	1.57	0.63	0.59	1.73	0.50	2.76	150	1.3	
8-292K-032	3.2	1	1.5	8UNC	2.83	1.89	0.75	0.71	2.05	0.56	3.31	150	2.2	
8-292K-045	4.5	1 1/4	1.88	7UNC	3.54	2.36	0.94	0.87	2.36	0.63	4.13	350	4.0	
8-292K-070	7.0	1 1/2	2.25	6UNC	4.29	2.83	1.14	1.06	2.99	0.87	4.96	410	7.0	
8-292K-090	9.0	1 3/4	2.63	5UNC	4.84	3.23	1.34	1.26	3.46	1.00	5.79	550	11.0	
8-292K-120	12.0	2	3.00	4.5UNC	5.67	3.70	1.50	1.46	4.09	1.00	6.61	550	16.7	

\* Design Factor 4:1





Kind of attachment											
Number of legs	Load direction	1	2	1	2	2	2	2	3-4	3-4	3-4
Item No.	Thread	0°	0°	90°	90°	0-45°	45° - 60°	unsymm.	0 - 45°	45° - 60°	unsymm.
		WLL(t)									
8-292K-003	5/16	1	2	0.3	0.6	0.42	0.3	0.3	0.63	0.45	0.3
8-292K-004	3/8	1	2	0.4	0.8	0.56	0.4	0.4	0.8	0.6	0.4
8-292K-007	1/2	2	4	0.75	1.5	1	0.75	0.75	1.5	1.1	0.75
8-292K-015	5/8	4	8	1.5	3	2.1	1.5	1.5	3.1	2.2	1.5
8-292K-023	3/4	6	12	2.3	4.6	3.2	2.3	2.3	4.8	3.4	2.3
8-292K-025	7/8	6	12	2.3	4.6	3.2	2.3	2.3	4.8	3.4	2.3
8-292K-032	1	8	16	3.2	6.4	4.5	3.2	3.2	6.7	4.8	3.2
8-292K-045	1 1/4	12	24	4.5	9	6.3	4.5	4.5	9.4	6.7	4.5
8-292K-070	1 1/2	16	32	7	14	9.8	7	7	14.7	10.5	7
8-292K-090	1 3/4	24	48	9	18	12.6	9	9	18.9	13.5	9
8-292K-120	2	32	64	12	24	16.8	12	12	25	18	12



- Rotates through 360° adjustable in the direction of the load.
- Manufactured from stainless steel.
- Manufactured and tested in accordance with EN1677-1.
- Individual forged parts and cap screw are traceable to Test Certification.
- Bolts are UNC thread (ASME / ANSI B18.3.1M), specification is alloy socket head screw per DIN EN ISO 4762.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Quick and simple assembly, just a tapped hole is required.
- Used in different applications such as chemical oil coal industries, food processing, clean room and precision instrument.

- » China Patent
- » French Patent
- » Australian Patent

# Stainless Steel Eye Point

Metric Thread (8-S291)

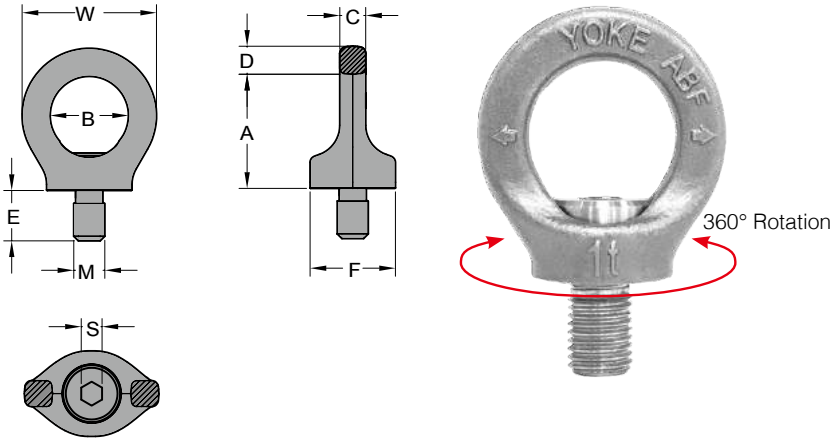


Item No.	Working Load Limit	Thread version			Dimensions							Torque in Nm	N.W. kg
		M	E	Pitch	A	B	C	D	F	S	W		
	tonnes	mm	mm	DIN13				mm					
<b>8-S291-005</b>	0.5	M 12	18	1.75	45	30	10	11	33	8	52	10	0.2
<b>8-S291-010</b>	1	M 16	24	2	52	35	14	13	35	10	61	30	0.3
<b>8-S291-020</b>	2	M 20	30	2.5	60	40	16	15	44	12	70	70	0.6
<b>8-S291-025</b>	2.5	M 24	36	3	72	48	19	18	52	14	84	150	1.0

\* Design Factor 4:1



Kind of attachment	↑		↑ A		↑		↑ B		↑ B		↑ B	
	G	G	G	G	G	G	G	G	G	G	G	G
<b>Number of legs</b>	1	2	1	2	2	2	2	3-4	3-4	3-4	3-4	3-4
<b>Load direction</b>	0°	0°	90°	90°	0-45°	45° - 60°	unsymm.	0 - 45°	45° - 60°	unsymm.	0 - 45°	45° - 60°
<b>Item No.</b>	<b>Thread</b>	WLL(t)										
8-S291-005	M12	1.2	2.4	0.5	1	0.7	0.5	0.5	1	0.7	0.5	0.5
8-S291-010	M16	2.4	4.8	1	2	1.4	1	1	2.1	1.5	1	1
8-S291-020	M20	3.6	7.2	2	4	2.8	2	2	4.2	3	2	2
8-S291-025	M24	5.2	10.4	2.5	5	3.5	2.5	2.5	5.3	3.7	2.5	2.5



- Rotates through 360° adjustable in the direction of the load.
  - Manufactured from stainless steel.
  - Manufactured and tested in accordance with EN1677-1.
  - Individual forged parts and cap screw are traceable to Test Certification.
  - Bolts are UNC thread (ASME / ANSI B18.3.1M), specification is alloy socket head screw per DIN EN ISO 4762.
  - Proof tested to 2.5 times the WLL.
  - Fatigue rated to 20,000 cycles at 1.5 times the WLL.
  - All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
  - Quick and simple assembly, just a tapped hole is required.
  - Used in different applications such as chemical oil coal industries, food processing, clean room and precision instrument.
- » Chinese Patent  
 » French Patent  
 » Australian Patent

## Stainless Steel Eye Point

UNC Thread (8-S292)



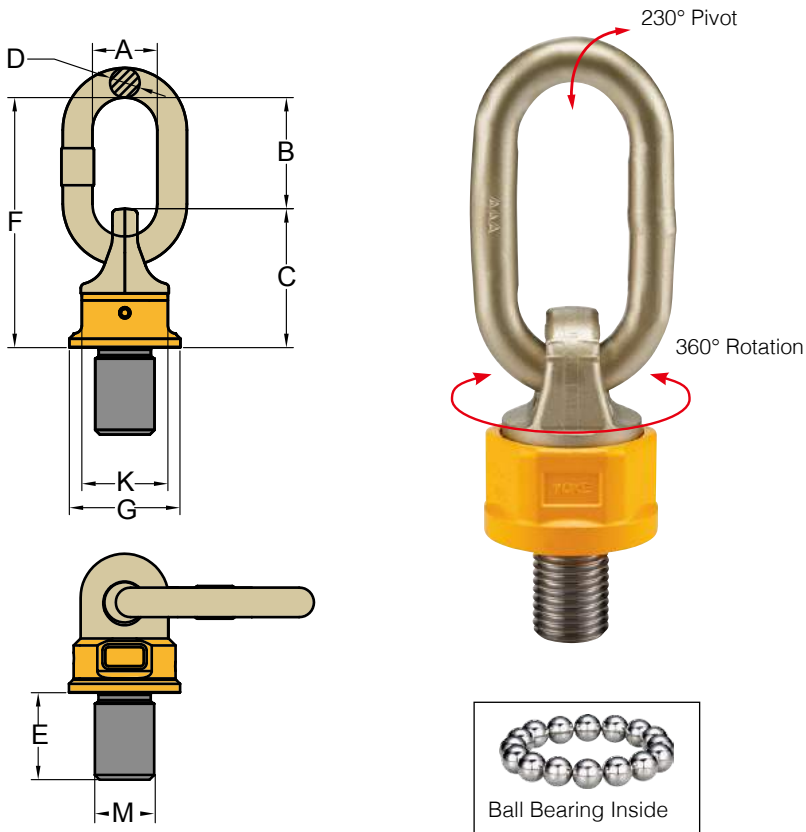
Item No.	Working Load Limit	Thread version			Dimensions							Torque		N.W.
		M	E	TPI	A	B	C	D	F	S	W	Nm	lbs	
	tonnes	inch	inch					inch						
<b>8-S292-005</b>	0.5	1/2	0.75	13UNC	1.77	1.18	0.39	0.43	1.30	0.31	2.05	10	0.4	
<b>8-S292-010</b>	1	5/8	0.94	11UNC	2.05	1.38	0.55	0.51	1.38	0.37	2.40	30	0.7	
<b>8-S292-020</b>	2	3/4	1.13	10UNC	2.36	1.57	0.63	0.59	1.73	0.50	2.76	70	1.3	
<b>8-S292-025</b>	2.5	1	1.5	8UNC	2.83	1.89	0.75	0.71	2.05	0.56	3.31	150	2.2	

\* Design Factor 4:1



Kind of attachment											
Number of legs	Load direction	1	2	1	2	2	2	2	3-4	3-4	3-4
Item No.	Thread										
<b>8-S292-005</b>	1/2	1.2	2.4	0.5	1	0.7	0.5	0.5	1	0.7	0.5
<b>8-S292-010</b>	5/8	2.4	4.8	1	2	1.4	1	1	2.1	1.5	1
<b>8-S292-020</b>	3/4	3.6	7.2	2	4	2.8	2	2	4.2	3	2
<b>8-S292-025</b>	1	5.2	10.4	2.5	5	3.5	2.5	2.5	5.3	3.7	2.5





- Pivots to 230°, rotates through 360° due to its unique ball bearing design.
- Manufactured from forged alloy steel, quenched and tempered.
- Manufactured and tested in accordance with EN1677-1.
- Certified by DGUV GS-OA-15-04.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and batch code links to Test Certificate sheet.
- Bolts are Metric thread (ASME / ANSI B18.3.1M).
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Super points meet or exceed all the requirements of ASME B30.26.
- Easy to attach or dismantle due to the forged hexagon shaped body of the Super Point
- Capable of rotating under load. Do not turn continuously in 90 degree direction at full load.
- With the new WLL tables you can find the right Super Point attachment for your application and by the red marking on both sides you can measure disposal stage of the Super Point.



## Super Point

Metric Thread (8-251)



## Super Point

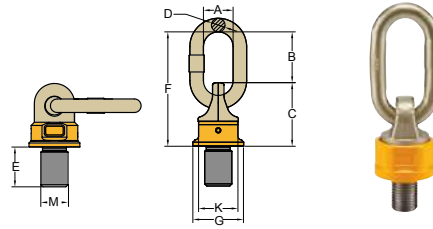
UNC Thread (8-252)



\* Design Factor 4:1

# Super Point

Metric Thread (8-251)

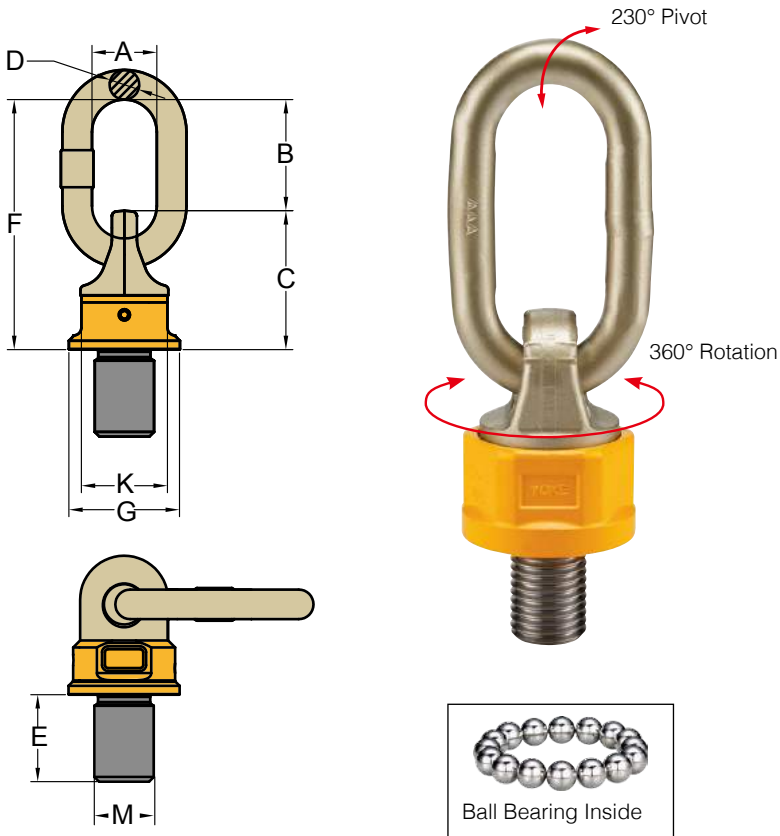


Item No.	Working Load Limit tonnes	Thread version				Dimensions						Torque in Nm	N.W. kg
		M mm	E mm	Pitch DIN13	G	C	K	F mm	D	B	A		
8-251-007-01	0.4	M 8	12	1.25	36.5	48	34	101	13	53	35	10 - 40	0.3
8-251-007-01	0.5	M10	18	1.5	36.5	48	34	101	13	53	35	10 - 40	0.4
8-251-007-02	0.7	M12	18	1.75	36.5	48	34	101	13	53	35	15 - 40	0.4
8-251-007-03	0.7	M12	25	1.75	36.5	48	34	101	13	53	35	15 - 40	0.4
8-251-007-04	1	M14	20	2	36.5	48	34	101	13	53	35	30 - 40	0.4
8-251-014-01	1.4	M16	20	2	36.5	48	34	101	13	53	35	45 - 130	0.44
8-251-014-02	1.4	M16	24	2	36.5	48	34	101	13	53	35	45 - 130	0.5
8-251-014-03	1.4	M16	30	2	36.5	48	34	101	13	53	35	45 - 130	0.5
8-251-014-04	1.7	M20	30	2.5	36.5	48	34	101	13	53	35	75 - 130	0.5
8-251-014-05	1.7	M24	30	3	36.5	48	34	101	13	53	35	90 - 130	0.5
8-251-025-01	2.5	M20	30	2.5	52	68	46	127	16	59	35	100 - 170	1.0
8-251-025-02	2.5	M20	40	2.5	52	68	46	127	16	59	35	100 - 170	1.0
8-251-025-03	2.5	M20	50	2.5	52	68	46	127	16	59	35	100 - 170	1.1
8-251-025-04	2.5	M20	70	2.5	52	68	46	127	16	59	35	100 - 170	1.1
8-251-040-01	4	M24	30	3	57	75	50	148	19	73	40	190 - 280	1.5
8-251-040-02	4	M24	36	3	57	75	50	148	19	73	40	190 - 280	1.5
8-251-040-03	4	M24	45	3	57	75	50	148	19	73	40	190 - 280	1.5
8-251-040-04	4	M24	50	3	57	75	50	148	19	73	40	190 - 280	1.5
8-251-040-05	4	M30	35	3.5	57	75	50	148	19	73	40	190 - 280	1.5
8-251-067-01	6.7	M30	35	3.5	70	95	65	163	19	68	40	230 - 400	2.4
8-251-067-02	6.7	M30	45	3.5	70	95	65	163	19	68	40	230 - 400	2.4
8-251-067-03	6.7	M30	50	3.5	70	95	65	163	19	68	40	230 - 400	2.5
8-251-067-04	6.7	M30	60	3.5	70	95	65	163	19	68	40	230 - 400	2.5
8-251-080-01	8	M30	35	3.5	81	106	75	201	22	95	50	270 - 600	3.6
8-251-080-02	8	M30	45	3.5	81	106	75	201	22	95	50	270 - 600	3.7
8-251-100-01	10	M36	50	4	81	106	75	201	22	95	50	270 - 600	3.8
8-251-100-02	10	M36	54	4	81	106	75	201	22	95	50	270 - 600	3.9
8-251-125-01	12.5	M42	50	4.5	81	106	75	201	22	95	50	270 - 700	3.9
8-251-125-02	12.5	M42	60	4.5	81	106	75	201	22	95	50	270 - 700	4.0
8-251-125-03	12.5	M42	63	4.5	81	106	75	201	22	95	50	270 - 700	4.0
8-251-125-04	12.5	M45	60	4.5	81	106	75	201	22	95	50	270 - 700	4.1
8-251-125-05	12.5	M48	72	5	81	106	75	201	22	95	50	270 - 700	4.4
8-251-170-01	13	M42	60	4.5	104	127	95	256	32	129	70	350 - 800	7.4
8-251-170-02	17	M45	60	4.5	104	127	95	256	32	129	70	350 - 800	7.5
8-251-170-03	17	M48	60	5	104	127	95	256	32	129	70	350 - 800	7.6
8-251-170-04	17	M48	72	5	104	127	95	256	32	129	70	350 - 800	7.7
8-251-170-05	18	M56	78	5.5	104	127	95	256	32	129	70	350 - 900	8.1
8-251-170-06	18	M56	85	5.5	104	127	95	256	32	129	70	350 - 900	8.1
8-251-200-01	20	M64	96	6	104	127	95	256	32	129	70	350 - 900	8.9
8-251-200-02	20	M64	110	6	104	127	95	256	32	129	70	350 - 900	9.3
8-251-280-01	28	M64	96	6	129	174	115	305	36	131	80	500 - 1000	16.4
8-251-280-02	28	M72	120	6	129	174	115	305	36	131	80	500 - 1200	17.7
8-251-280-03	28	M80	150	6	129	174	115	305	36	131	80	500 - 1200	19.6
8-251-350-01	35	M80	120	6	148	187	135	366	45	179	100	500 - 1400	25.3
8-251-350-02	35	M90	150	6	148	187	135	366	45	179	100	500 - 1500	27.8
8-251-400-01	40	M80	120	6	170	210	145	340	45	130	90	500 - 1500	31.9
8-251-400-02	40	M90	115	6	170	210	145	340	45	130	90	500 - 1500	33.6
8-251-400-03	40	M90	150	6	170	210	145	340	45	130	90	500 - 1500	34.2
8-251-400-04	40	M100	150	6	170	210	145	340	45	130	90	500 - 1700	35.2





Kind of attachment											
Number of legs	Load direction	1	2	1	2	2	2	2	3-4	3-4	3-4
Item No.	Thread	0°	0°	90°	90°	0-45°	45° - 60°	unsymm.	0 - 45°	45° - 60°	unsymm.
		WLL(t)									
<b>8-251-004</b>	M 8	0.6	1.2	0.4	0.8	0.6	0.4	0.4	0.8	0.6	0.6
	M10	1	2	0.5	1	0.7	0.5	0.5	1	0.75	0.75
<b>8-251-007</b>	M12	1.4	2.8	0.7	1.4	1	0.7	0.7	1.4	1	1
	M14	2	4	1	2	1.4	1	1	2.12	1.5	1.5
<b>8-251-014</b>	M16	2.8	5.6	1.4	2.8	2	1.4	1.4	3	2.12	2.12
	M20	3.4	6.8	1.7	3.4	2.4	1.7	1.7	3.55	2.5	2.5
	M24	3.4	6.8	1.7	3.4	2.4	1.7	1.7	3.55	2.5	2.5
<b>8-251-025</b>	M20	5	10	2.5	5	3.55	2.5	2.5	5.3	3.75	3.75
<b>8-251-040</b>	M24	8	16	4	8	5.6	4	4	8.5	6	6
	M30	8	16	4	8	5.6	4	4	8.5	6	6
<b>8-251-067</b>	M30	12	24	6.7	13.4	9.5	6.7	6.7	14	10	10
<b>8-251-080</b>	M30	12	24	8	16	11.2	8	8	16	12	12
<b>8-251-100</b>	M36	15	30	10	20	14	10	10	21.2	15	15
<b>8-251-125</b>	M42	15	30	12.5	25	17	12.5	12.5	25	18	18
	M45	15	30	12.5	25	17	12.5	12.5	25	18	18
	M48	15	30	12.5	25	17	12.5	12.5	25	18	18
<b>8-251-170</b>	M42	20	40	13	26	18	13	13	27	19	19
	M45	25	50	17	34	23.5	17	17	35	25	25
	M48	25	50	17	34	23.5	17	17	35	25	25
	M56	25	50	18	36	25	18	18	37.5	26.5	26.5
<b>8-251-200</b>	M64	25	50	20	40	28	20	20	42.5	30	30
<b>8-251-280</b>	M64	32.5	65	28	56	39	28	28	58	42	42
	M72	32.5	65	28	56	39	28	28	58	42	42
	M80	32.5	65	28	56	39	28	28	58	42	42
<b>8-251-350</b>	M80	40	80	35	70	49	35	35	74	52.5	52.5
	M90	40	80	35	70	49	35	35	74	52.5	52.5
<b>8-251-400</b>	M80	50	100	40	80	56	40	40	84	60	60
	M90	50	100	40	80	56	40	40	84	60	60
	M100	50	100	40	80	56	40	40	84	60	60



- Pivots to 230°, rotates through 360° due to its unique ball bearing design.
- 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 and batch code links to Test Certificate sheet.
- Bolts are UNC thread (ASME / ANSI B18.3.1M).
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Super points meet or exceed all the requirements of ASME B30.26.
- Easy to attach or dismantle due to the forged hexagon shaped body of the Super Point
- Capable of rotating under load. Do not turn continuously in 90 degree direction at full load.
- With the new WLL tables you can find the right Super Point attachment for your application and by the red marking on both sides you can measure disposal stage of the Super Point.

## Super Point

UNC Thread (8-252)

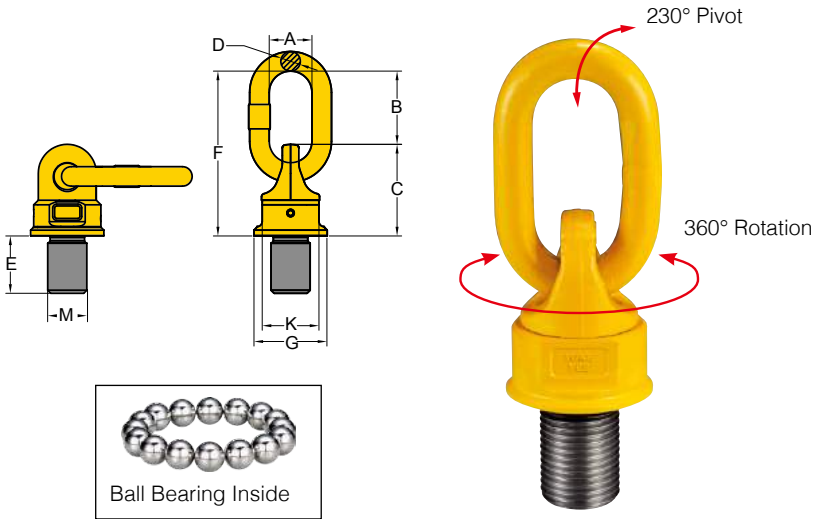


Item No.	Working Load Limit	Thread version			Dimensions							Torque in	N.W.
		M	E	TPI	G	C	K	F	D	B	A		
		tonnes	inch	inch				inch					
8-252-007-01	0.5	3/8	0.56	16UNC	1.44	1.89	1.34	3.98	0.51	2.09	1.38	10 - 40	1.0
8-252-007-02	0.7	1/2	0.75	13UNC	1.44	1.89	1.34	3.98	0.51	2.09	1.38	15 - 40	1.0
8-252-014-01	1.4	5/8	0.79	11UNC	1.44	1.89	1.34	3.98	0.51	2.09	1.38	45 - 130	1.0
8-252-025-01	2.5	3/4	1.13	10UNC	2.05	2.68	1.81	5.00	0.63	2.32	1.38	100 - 170	2.1
8-252-040-01	4	1	1.18	8UNC	2.24	2.95	1.97	5.83	0.75	2.87	1.57	190 - 280	3.3
8-252-067-01	6.7	1 1/4	1.38	7UNC	2.76	3.74	2.56	6.42	0.75	2.68	1.57	230 - 400	5.3
8-252-080-02	8	1 1/4	1.88	7UNC	3.19	4.17	2.95	7.91	0.87	3.74	1.97	270 - 600	8.1
8-252-100-01	10	1 1/2	2.08	6UNC	3.19	4.17	2.95	7.91	0.87	3.74	1.97	270 - 600	8.3
8-252-125-03	12.5	1 3/4	2.63	5UNC	3.19	4.17	2.95	7.91	0.87	3.74	1.97	270 - 700	8.8
8-252-125-05	12.5	2	3.00	4.5UNC	3.19	4.17	2.95	7.91	0.87	3.74	1.97	270 - 700	9.7
8-252-170-04	17	2	3.00	4.5UNC	4.09	5.00	3.74	10.08	1.26	5.08	2.76	350 - 800	16.7
8-252-170-06	18	2 1/4	3.42	4.5UNC	4.09	5.00	3.74	10.08	1.26	5.08	2.76	350 - 900	17.8
8-252-200-01	20	2 1/2	3.75	4UNC	4.09	5.00	3.74	10.08	1.26	5.08	2.76	350 - 900	19.6
8-252-280-01	28	2 1/2	3.75	4UNC	5.08	6.85	4.53	12.01	1.42	5.16	3.15	500 - 1000	36.1
8-252-350-01	35	3 1/2	5.25	4UNC	5.83	7.36	5.31	14.41	1.77	7.05	3.94	500 - 1400	55.7

\* Design Factor 4:1



Kind of attachment											
Number of legs	Load direction	1	2	1	2	2	2	2	3-4	3-4	3-4
Item No.	Thread	0°	0°	90°	90°	0-45°	45° - 60°	unsymm.	0 - 45°	45° - 60°	unsymm.
		WLL(t)									
<b>8-252-007</b>	3/8	1	2	0.5	1	0.7	0.5	0.5	1	0.75	0.75
	1/2	1.4	2.8	0.7	1.4	1	0.7	0.7	1.4	1	1
<b>8-252-014</b>	5/8	2.8	5.6	1.4	2.8	2	1.4	1.4	3	2.12	2.12
<b>8-252-025</b>	3/4	5	10	2.5	5	3.55	2.5	2.5	5.3	3.75	3.75
<b>8-252-040</b>	1	8	16	4	8	5.6	4	4	8.5	6	6
<b>8-252-067</b>	1 1/4	12	24	6.7	13.4	9.5	6.7	6.7	14	10	10
<b>8-252-080</b>	1 1/4	12	24	8	16	11.2	8	8	16	12	12
<b>8-252-100</b>	1 1/2	15	30	10	20	14	10	10	21.2	15	15
<b>8-252-125</b>	1 3/4	15	30	12.5	25	17	12.5	12.5	25	18	18
	2	15	30	12.5	25	17	12.5	12.5	25	18	18
<b>8-252-170</b>	2	25	50	17	34	23.5	17	17	35	25	25
	2 1/4	25	50	18	36	25	18	18	37.5	26.5	26.5
<b>8-252-200</b>	2 1/2	25	50	20	40	28	20	20	42.5	30	30
<b>8-252-280</b>	2 1/2	32.5	65	28	56	39	28	28	58	42	42
<b>8-252-350</b>	3 1/2	40	80	35	70	49	35	35	74	52.5	52.5



- Pivots to 230°, rotates through 360° due to its unique ball bearing design.
- Manufactured from forged alloy steel, quenched and tempered.
- Manufactured and tested in accordance with EN1677-1.
- Certified by DGUV GS-OA-15-04.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and batch code links to Test Certificate sheet.
- Bolts are Metric thread (ASME / ANSI B18.3.1M).
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Easy to attach or dismantle due to the forged hexagon shaped body of the Swivel Point.
- Capable of rotating under load. Do not turn continuously in 90 degree direction at full load.

# Swivel Point

Metric Thread (8-271)



Item No.	Working Load Limit tonnes	Thread version			Dimensions (mm)							Torque in Nm	N.W. kg
		M mm	E mm	Pitch DIN13	G	C	K	F mm	D	B	A		
8-271-003	0.4	M 8	12	1.25	35	40	30	72	8	32	29	10 - 40	0.2
8-271-004	0.6	M 10	15	1.5	35	40	30	72	8	32	29	10 - 40	0.2
8-271-006	0.7	M 12	18	1.75	40	45	36	95	10	50	35	15 - 40	0.3
8-271-013	1.5	M 16	24	2	46	54	41	104	13	50	38	45 - 130	0.5
8-271-020	2.5	M 20	30	2.5	62	68	55	122	13	54	38	100 - 170	1.0
8-271-035	4	M 24	36	3	78	88	70	154	19	66	40	190 - 280	2.2
8-271-060	6	M 30	45	3.5	90	120	80	206	22	86	50	270 - 600	4.5
8-271-080	10	M 36	54	4	90	120	80	206	22	86	50	270 - 600	4.6
8-271-120	13	M 42	63	4.5	98	122	84	235	25	110	65	350 - 800	5.5
8-271-130	14	M 48	72	5	98	122	84	235	25	110	65	350 - 800	6.1
8-271-140	20	M 52	78	5	120	150	94	270	32	120	70	350 - 900	10.5
8-271-160	20	M 56	84	5.5	120	150	94	270	32	120	70	350 - 900	10.7
8-271-161	20	M 64	96	6	120	150	94	270	32	120	70	500 - 1000	11.6

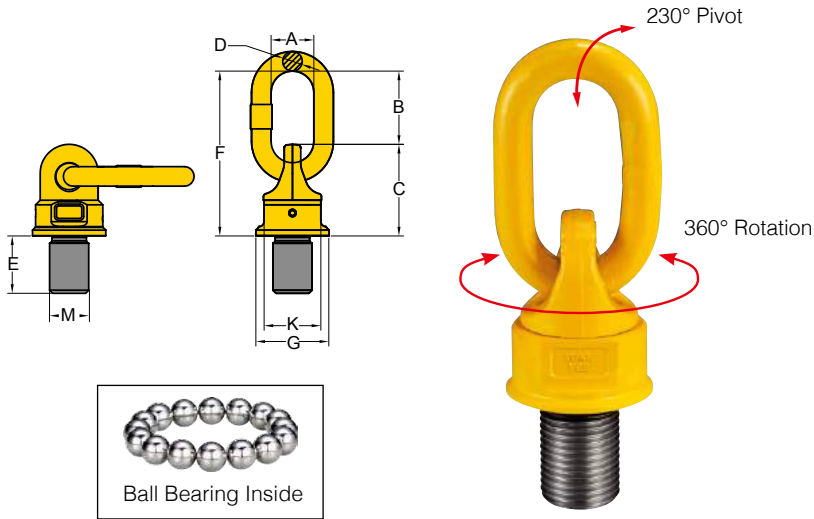
\* Design Factor 4:1

\* Please refer to 8-251 table for specification ≥ M72



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.	Thread	WLL(t)									
8-271-003	M 8	0.6	1.2	0.4	0.8	0.4	0.3	0.3	0.6	0.4	0.3
8-271-004	M10	0.9	1.8	0.6	1.2	0.6	0.4	0.4	0.9	0.6	0.4
8-271-006	M12	1.2	2.4	0.7	1.5	0.8	0.6	0.6	1.2	0.9	0.6
8-271-013	M16	2.6	5.2	1.5	3	1.8	1.3	1.3	2.7	1.9	1.3
8-271-020	M20	4	8	2.5	5	2.8	2	2	4.2	3	2
8-271-035	M24	7	14	4	8	4.9	3.5	3.5	7.3	5.2	3.5
8-271-060	M30	10	20	6	12	7	5	5	10.5	7.5	5
8-271-080	M36	15	30	10	20	14	10	10	21	15	10
8-271-120	M42	17	34	13	26	18.2	13	13	27.3	19.5	13
8-271-130	M48	18	36	14	28	19.6	14	14	29.4	21	14
8-271-140	M52	25	50	20	40	28	20	20	42	30	20
8-271-160	M56	28	56	20	40	28	20	20	42	30	20
8-271-161	M64	28	56	20	40	28	20	20	42	30	20

\* Please refer to 8-251 table for specification  $\geq$  M72



- Pivots to 230°, rotates through 360° due to its unique ball bearing design.
- 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 and batch code links to Test Certificate sheet.
- Bolts are UNC thread (ASME / ANSI B18.3.1M).
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Easy to attach or dismantle due to the forged hexagon shaped body of the Swivel Point.
- Capable of rotating under load. Do not turn continuously in 90 degree direction at full load.

# Swivel Point

UNC Thread (8-272)



Item No.	Working Load Limit tonnes	Thread version			Dimensions							Torque		N.W.
		M inch	E inch	TPI	G	C	K	F	D	B	A	Nm	lbs	
8-272-006	0.7	1/2	0.75	13UNC	1.57	1.77	1.42	3.74	0.39	1.97	1.38	15 - 40	0.7	
8-272-013	1.5	5/8	0.94	11UNC	1.81	2.13	1.61	4.09	0.51	1.97	1.50	45 - 130	1.2	
8-272-018	2	3/4	1.13	10UNC	1.81	2.68	1.61	4.09	0.51	1.97	1.50	45 - 130	1.2	
8-272-020	2.5	7/8	1.31	9UNC	2.44	2.68	2.17	4.80	0.51	2.13	1.50	100 - 170	2.2	
8-272-035	4	1	1.50	8UNC	3.07	3.46	2.76	6.06	0.75	2.60	1.57	190 - 280	4.8	
8-272-060	6	1 1/4	1.88	7UNC	3.54	4.72	3.15	8.11	0.87	3.39	1.97	270 - 600	9.9	
8-272-080	10	1 1/2	2.25	6UNC	3.54	4.72	3.15	8.11	0.87	3.39	1.97	270 - 600	10.0	
8-272-120	13	1 3/4	2.63	5UNC	3.86	4.80	3.31	9.25	0.98	4.33	2.56	350 - 800	12.1	
8-272-130	14	2	3.00	4.5UNC	3.86	4.80	3.31	9.25	0.98	4.33	2.56	350 - 800	13.5	
8-272-140	20	2 1/4	3.38	4.5UNC	4.72	5.91	3.70	10.63	1.26	4.72	2.76	350 - 900	23.1	
8-272-160	20	2 1/2	3.75	4UNC	4.72	5.91	3.70	10.63	1.26	4.72	2.76	350 - 900	23.5	

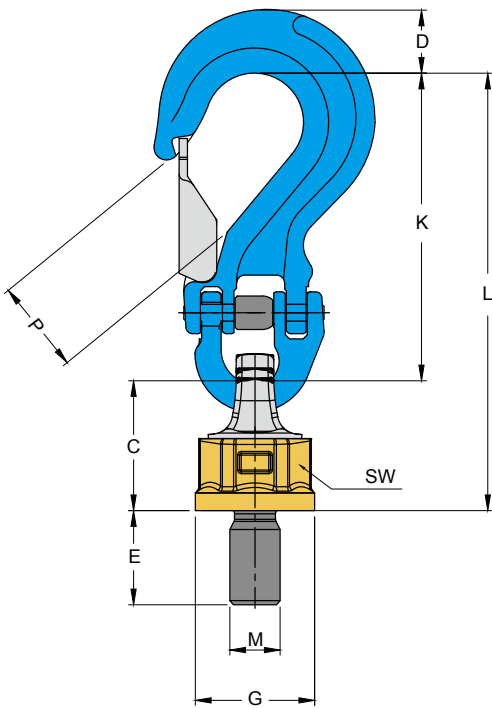
\* Design Factor 4:1

\* Please refer to 8-252 table for specification ≥ 3-4UNC.



Kind of attachment											
Number of legs	Load direction	1	2	1	2	2	2	2	3-4	3-4	3-4
Item No.	Thread	0°	0°	90°	90°	0-45°	45° - 60°	unsymm.	0 - 45°	45° - 60°	unsymm.
		WLL(t)									
<b>8-272-006</b>	1/2	1.2	2.4	0.7	1.5	0.8	0.6	0.6	1.2	0.9	0.6
<b>8-272-013</b>	5/8	2.6	5.2	1.5	3	1.8	1.3	1.3	2.7	1.9	1.3
<b>8-272-018</b>	3/4	3.6	7.2	2	4	2.5	1.8	1.8	3.7	2.7	1.8
<b>8-272-020</b>	7/8	4	8	2.5	5	2.8	2	2	4.2	3	2
<b>8-272-035</b>	1	7	14	4	8	4.9	3.5	3.5	7.3	5.2	3.5
<b>8-272-060</b>	1 1/4	10	20	6	12	7	5	5	10.5	7.5	5
<b>8-272-080</b>	1 1/2	15	30	10	20	14	10	10	21	15	10
<b>8-272-120</b>	1 3/4	17	34	13	26	18.2	13	13	27.3	19.5	13
<b>8-272-130</b>	2	18	36	14	28	19.6	14	14	29.4	21	14
<b>8-272-140</b>	2 1/4	25	50	20	40	28	20	20	42	30	20
<b>8-272-160</b>	2 1/2	28	56	20	40	28	20	20	42	30	20

\* Please refer to 8-252 table for specification  $\geq$  3-4UNC.



- Rotates through 360° adjustable in the direction of the load due to its unique ball bearing design.
- 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 and batch code links to Test Certificate sheet.
- Bolts are Metric thread (ASME / ANSI B18.3.1M).
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Easy to attach or dismantle due to the forged hexagon shaped body of the Hook Point.
- Capable of rotating under load. Do not turn continuously in 90 degree direction at full load.
- Hook connecting to any ring structure quickly and safely without additional fittings required.

# Hook Point

Metric Thread (8-2511)

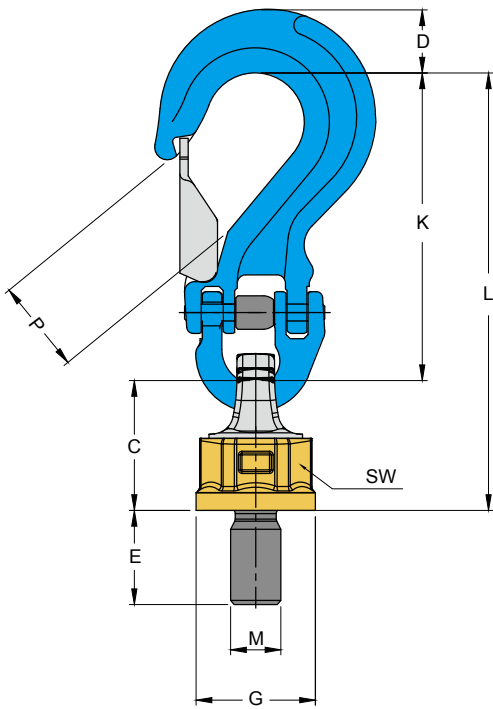
Item No.	Working Load Limit tonnes	Thread version			Dimensions							Torque in	N.W.
		M	E	Pitch DIN13	G	C	SW	K	D	L	P	Nm	kg
8-2511-007	0.7	M12	18	1.75	36.5	40	34	121	23	161	30	15 - 40	0.8
8-2511-014	1.4	M16	24	2	36.5	40	34	121	23	161	30	45 - 130	0.9
8-2511-025	2.5	M20	30	2.5	52	55	46	121	23	176	30	100 - 170	1.4
8-2511-040	4	M24	36	3	57	63	50	149	31	212	36	190 - 280	2.4
8-2511-067	6.7	M30	45	3.5	70	78	65	186	36	264	42	230 - 400	4.2
8-2511-100	10	M36	54	4	81	86	75	216	45	302	47	270 - 600	6.9
8-2511-130	13	M42	60	4.5	104	104	95	251	48	355	52	350 - 800	12.1
8-2511-160	16	M48	72	5	104	104	95	251	48	355	52	350 - 800	12.4

\* Design Factor 4:1





Kind of attachment											
Number of legs	Load direction	1	2	1	2	2	2	2	3-4	3-4	3-4
Item No.	Thread	0°	0°	90°	90°	0-45°	45° - 60°	unsymm.	0 - 45°	45° - 60°	unsymm.
		WLL(t)									
<b>8-2511-007</b>	M12	0.7	1.4	0.7	1.4	1	0.7	0.7	1.4	1	1
<b>8-2511-014</b>	M16	1.4	2.8	1.4	2.8	2	1.4	1.4	3	2.12	2.12
<b>8-2511-025</b>	M20	2.5	5	2.5	5	3.55	2.5	2.5	5.3	3.75	3.75
<b>8-2511-040</b>	M24	4	8	4	8	5.6	4	4	8.5	6	6
<b>8-2511-067</b>	M30	6.7	13.4	6.7	13.4	9.5	6.7	6.7	14	10	10
<b>8-2511-100</b>	M36	10	20	10	20	14	10	10	21.2	15	15
<b>8-2511-130</b>	M42	13	26	13	26	18	13	13	27	19	19
<b>8-2511-160</b>	M48	16	32	16	32	22.0	16	16	33	23.5	23.5



- Rotates through 360° adjustable in the direction of the load due to its unique ball bearing design.
- 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 and batch code links to Test Certificate sheet.
- Bolts are UNC thread (ASME / ANSI B18.3.1M).
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Easy to attach or dismantle due to the forged hexagon shaped body of the Hook Point.
- Capable of rotating under load. Do not turn continuously in 90 degree direction at full load.
- Hook connecting to any ring structure quickly and safely without additional fittings required

## Hook Point

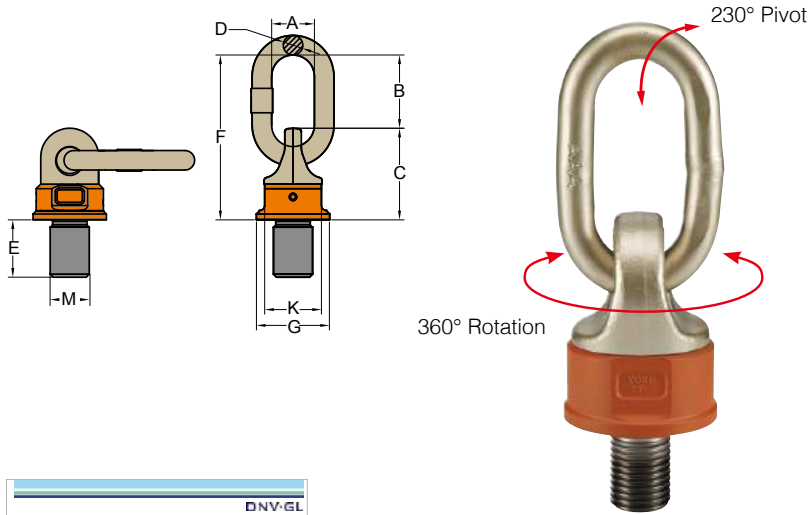
UNC Thread (8-2521)

Item No.	Working Load Limit	Thread version			Dimensions							Torque in		N.W.
		M	E	TPI	G	C	SW	K	D	L	P	Nm	lbs	
	tonnes	inch	inch					inch						
8-2521-007	0.7	1/2	0.75	13UNC	1.44	1.57	1.34	4.76	0.91	6.34	1.18	15 - 40	1.8	
8-2521-014	1.4	5/8	0.94	11UNC	1.44	1.57	1.34	4.76	0.91	6.33	1.18	45 - 130	2.0	
8-2521-025	2.5	3/4	1.18	10UNC	2.05	2.18	1.81	4.76	0.91	6.94	1.18	100 - 170	3.0	
8-2521-040	4	1	1.42	8UNC	2.24	2.46	1.97	5.87	1.22	8.33	1.42	190 - 280	5.2	
8-2521-067	6.7	1 1/4	1.77	7UNC	2.76	3.07	2.56	7.32	1.42	10.39	1.65	230 - 400	9.2	
8-2521-100	10	1 1/2	2.13	6UNC	3.19	3.38	2.95	8.50	1.77	11.88	1.85	270 - 600	15.1	
8-2521-130	13	1 3/4	2.36	5UNC	4.09	4.09	3.74	9.88	1.89	13.98	2.05	350 - 800	26.6	
8-2521-160	16	2	2.83	4.5UNC	4.09	4.09	3.74	9.88	1.89	13.98	2.05	350 - 800	27.3	

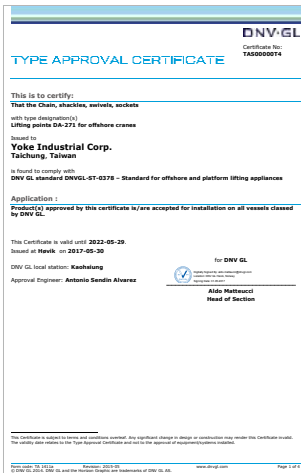
\* Design Factor 4:1



Kind of attachment	1 leg		2 legs (A)		1 leg (90°)		2 legs (90°)		2 legs (0-45°)		2 legs (45°-60°)		2 legs (unsymm.)		3-4 legs (0-45°)		3-4 legs (45°-60°)		3-4 legs (unsymm.)		
	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
Number of legs	1	2	1	2	1	2	2	2	2	2	2	2	2	2	3-4	3-4	3-4	3-4	3-4	3-4	
Load direction	0°	0°	90°	0°	90°	0°	90°	0-45°	45°-60°	0-45°	45°-60°	unsymm.	unsymm.	unsymm.	0-45°	45°-60°	0-45°	45°-60°	unsymm.	unsymm.	
Item No.	Thread	WLL(t)																			
8-2521-007	1/2	0.7	1.4	0.7	1.4	1	0.7	0.7	1.4	1	0.7	0.7	1.4	1	1	1.4	1	1	1.4	1	1
8-2521-014	5/8	1.4	2.8	1.4	2.8	2	1.4	1.4	2.8	2	1.4	1.4	2.8	2	1.4	2.8	2	1.4	2.8	2	1.4
8-2521-025	3/4	2.5	5	2.5	5	3.55	2.5	2.5	5	3.55	2.5	2.5	5	3.55	2.5	5	3.55	2.5	5	3.55	2.5
8-2521-040	1	4	8	4	8	5.6	4	4	8	5.6	4	4	8	5.6	4	8	5.6	4	8	5.6	4
8-2521-067	1 1/4	6.7	13.4	6.7	13.4	9.5	6.7	6.7	13.4	9.5	6.7	6.7	13.4	9.5	6.7	13.4	9.5	6.7	13.4	9.5	6.7
8-2521-100	1 1/2	10	20	10	20	14	10	10	20	14	10	10	20	14	10	20	14	10	20	14	10
8-2521-130	1 3/4	13	26	13	26	18	13	13	26	18	13	13	26	18	13	26	18	13	26	18	13
8-2521-160	2	16	32	16	32	22.0	16	16	32	22.0	16	16	32	22.0	16	32	22.0	16	32	22.0	16



- Pivots to 230°, rotates through 360° due to its unique ball bearing design.
- Manufactured from forged alloy steel, quenched and tempered.
- Manufactured and tested in accordance with EN1677-1 and DNV GL–ST-0378.
- Certified by DNV GL–ST-0378.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and batch code links to Test Certificate sheet.
- Bolts are Metric thread (ASME / ANSI B18.3.1M).
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Easy to attach or dismantle due to the forged hexagon shaped body of the DA Swivel Point.
- Capable of rotating under load. Do not turn continuously in 90 degree direction at full load.



**-40°C**

# DA Swivel Point

Metric Thread (DA-271)

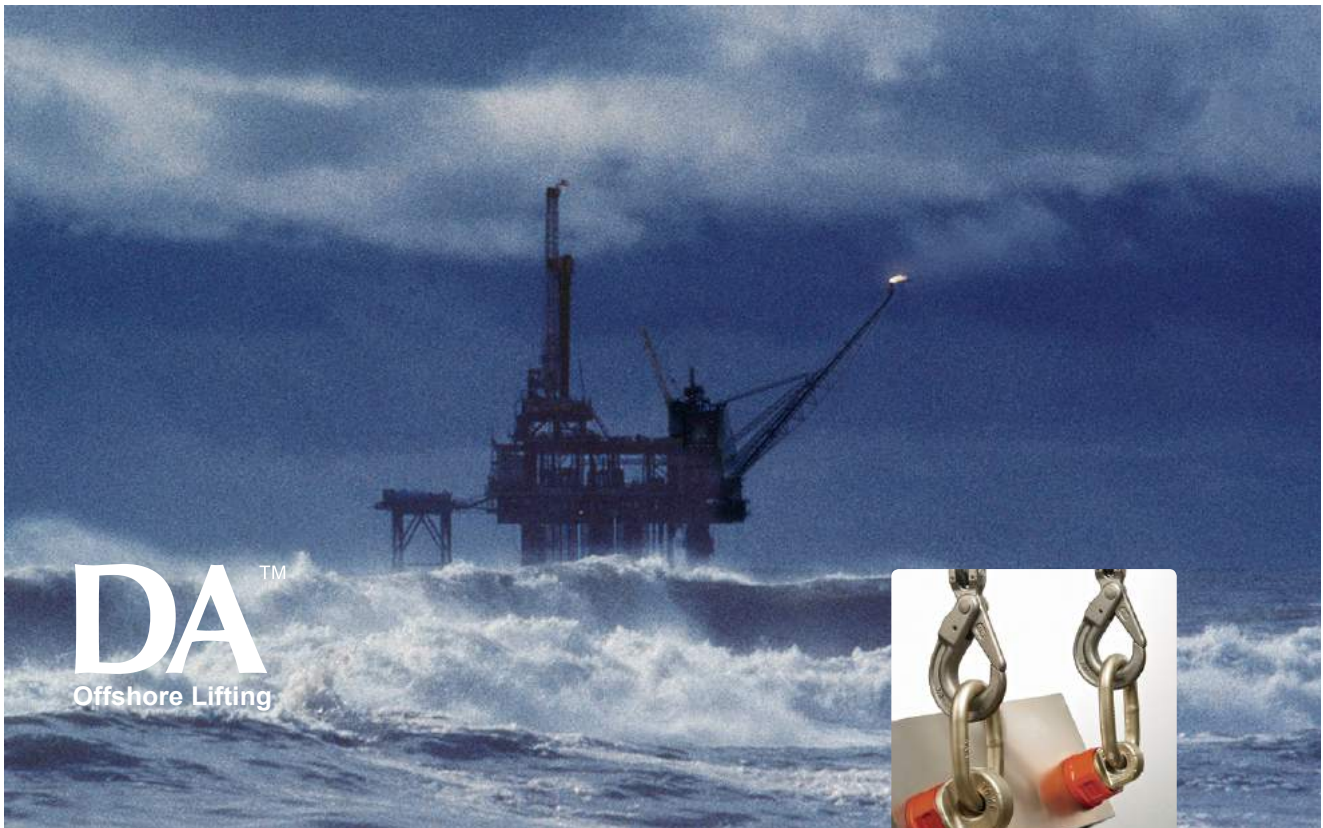
**DNV GL-ST-0378**  
**(Offshore crane- Lifting Appliance)**



Item No.	Working Load Limit tonnes	Thread version			Dimensions (mm)							Torque in Nm	N.W. kg
		M mm	E mm	Pitch DIN13	G	C	K	F	D	B	A		
DA-271-003	0.4	M 8	12	1.25	35	40	30	72	8	32	29	10 - 40	0.2
DA-271-004	0.6	M 10	15	1.5	35	40	30	72	8	32	29	10 - 40	0.2
DA-271-006	0.7	M 12	18	1.75	40	45	36	95	10	50	35	15 - 40	0.3
DA-271-013	1.5	M 16	24	2	46	54	41	104	13	50	38	45 - 130	0.5
DA-271-020	2.5	M 20	30	2.5	62	68	55	122	13	54	38	100 - 170	1.0
DA-271-035	4	M 24	36	3	78	88	70	154	19	66	40	190 - 280	2.2
DA-271-060	6	M 30	45	3.5	90	120	80	206	22	86	50	270 - 600	4.5
DA-271-080	10	M 36	54	4	90	120	80	206	22	86	50	270 - 600	4.6
DA-271-120	13	M 42	63	4.5	98	122	84	235	25	110	65	350 - 800	5.5
DA-271-130	14	M 48	72	5	98	122	84	235	25	110	65	350 - 800	6.1
DA-271-140	20	M 52	78	5	120	150	94	270	32	120	70	350 - 900	10.5
DA-271-160	20	M 56	84	5.5	120	150	94	270	32	120	70	350 - 900	10.7
DA-271-161	20	M 64	96	6	120	150	94	270	32	120	70	500 - 1000	11.6

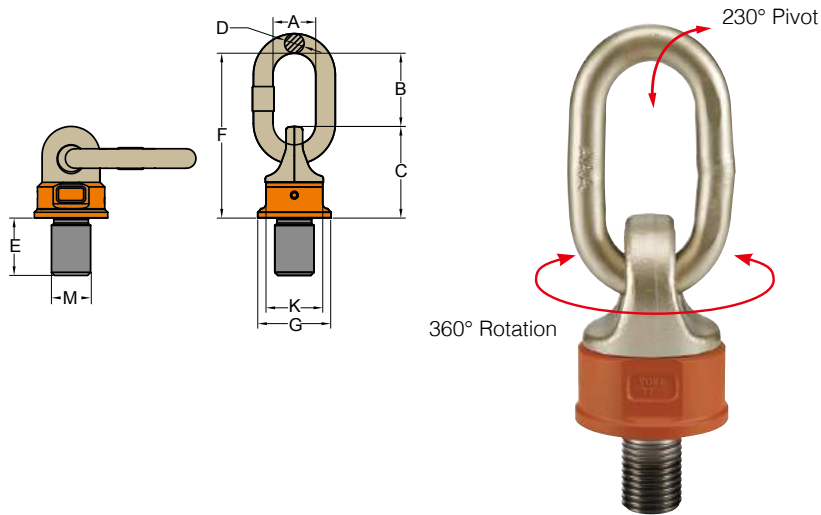
\* Design Factor 4:1





**-40°C**

Kind of attachment																				
	Number of legs	Load direction	1	2	1	2	2	2	2	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4
Item No.	Thread	WLL(t)																		
DA-271-003	M 8	0.6	1.2	0.4	0.8	0.4	0.3	0.3	0.6	0.4	0.3	0.6	0.4	0.3	0.6	0.4	0.3	0.6	0.4	0.3
DA-271-004	M10	0.9	1.8	0.6	1.2	0.6	0.4	0.4	0.9	0.6	0.4	0.9	0.6	0.4	0.9	0.6	0.4	0.9	0.6	0.4
DA-271-006	M12	1.2	2.4	0.7	1.5	0.8	0.6	0.6	1.2	0.9	0.6	1.2	0.9	0.6	1.2	0.9	0.6	1.2	0.9	0.6
DA-271-013	M16	2.6	5.2	1.5	3	1.8	1.3	1.3	2.7	1.9	1.3	2.7	1.9	1.3	2.7	1.9	1.3	2.7	1.9	1.3
DA-271-020	M20	4	8	2.5	5	2.8	2	2	4.2	3	2	4.2	3	2	4.2	3	2	4.2	3	2
DA-271-035	M24	7	14	4	8	4.9	3.5	3.5	7.3	5.2	3.5	7.3	5.2	3.5	7.3	5.2	3.5	7.3	5.2	3.5
DA-271-060	M30	10	20	6	12	7	5	5	10.5	7.5	5	10.5	7.5	5	10.5	7.5	5	10.5	7.5	5
DA-271-080	M36	15	30	10	20	14	10	10	21	15	10	21	15	10	21	15	10	21	15	10
DA-271-120	M42	17	34	13	26	18.2	13	13	27.3	19.5	13	27.3	19.5	13	27.3	19.5	13	27.3	19.5	13
DA-271-130	M48	18	36	14	28	19.6	14	14	29.4	21	14	29.4	21	14	29.4	21	14	29.4	21	14
DA-271-140	M52	25	50	20	40	28	20	20	42	30	20	42	30	20	42	30	20	42	30	20
DA-271-160	M56	28	56	20	40	28	20	20	42	30	20	42	30	20	42	30	20	42	30	20
DA-271-161	M64	28	56	20	40	28	20	20	42	30	20	42	30	20	42	30	20	42	30	20



- Pivots to 230°, rotates through 360° due to its unique ball bearing design.
- Manufactured from forged alloy steel, quenched and tempered.
- Manufactured and tested in accordance with EN1677-1 and DNV GL-ST-0378.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and batch code links to Test Certificate sheet.
- Bolts are UNC thread (ASME / ANSI B18.3.1M).
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Easy to attach or dismantle due to the forged hexagon shaped body of the DA Swivel Point.
- Capable of rotating under load. Do not turn continuously in 90 degree direction at full load.

**-40°C**

# DA Swivel Point

UNC Thread (DA-272)

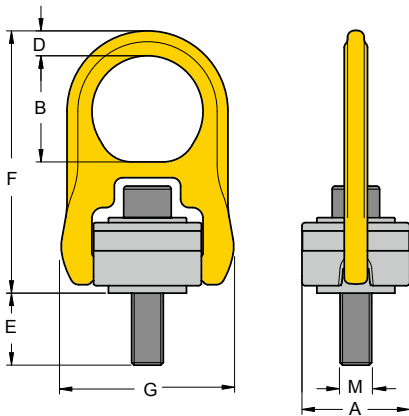
Item No.	Working Load Limit tonnes	Thread version			Dimensions (mm)							Torque in Nm	N.W. lbs
		M inch	E inch	TPI	G	C	K	F inch	D	B	A		
DA-272-006	0.7	1/2	0.75	13UNC	1.57	1.77	1.42	3.74	0.39	1.97	1.38	15 - 40	0.7
DA-272-013	1.5	5/8	0.94	11UNC	1.81	2.13	1.61	4.09	0.51	1.97	1.50	45 - 130	1.2
DA-272-018	2	3/4	1.13	10UNC	1.81	2.68	1.61	4.09	0.51	1.97	1.50	45 - 130	1.2
DA-272-020	2.5	7/8	1.31	9UNC	2.44	2.68	2.17	4.80	0.51	2.13	1.50	100 - 170	2.2
DA-272-035	4	1	1.50	8UNC	3.07	3.46	2.76	6.06	0.75	2.60	1.57	190 - 280	4.8
DA-272-060	6	1 1/4	1.88	7UNC	3.54	4.72	3.15	8.11	0.87	3.39	1.97	270 - 600	9.9
DA-272-080	10	1 1/2	2.25	6UNC	3.54	4.72	3.15	8.11	0.87	3.39	1.97	270 - 600	10.0
DA-272-120	13	1 3/4	2.63	5UNC	3.86	4.80	3.31	9.25	0.98	4.33	2.56	350 - 800	12.1
DA-272-130	14	2	3.00	4.5UNC	3.86	4.80	3.31	9.25	0.98	4.33	2.56	350 - 800	13.5
DA-272-140	20	2 1/4	3.38	4.5UNC	4.72	5.91	3.70	10.63	1.26	4.72	2.76	350 - 900	23.1
DA-272-160	20	2 1/2	3.75	4UNC	4.72	5.91	3.70	10.63	1.26	4.72	2.76	350 - 900	23.5

\* Design Factor 4:1



-40°C

Kind of attachment																		
	Number of legs	Load direction	1	2	1	2	2	2	2	2	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4
Item No.	Thread	WLL(t)																
DA-272-006	1/2	1.2	2.4	0.7	1.5	0.8	0.6	0.6	0.6	1.2	0.9	0.6						
DA-272-013	5/8	2.6	5.2	1.5	3	1.8	1.3	1.3	1.3	2.7	1.9	1.3						
DA-272-018	3/4	3.6	7.2	2	4	2.5	1.8	1.8	1.8	3.7	2.7	1.8						
DA-272-020	7/8	4	8	2.5	5	2.8	2	2	2	4.2	3	2						
DA-272-035	1	7	14	4	8	4.9	3.5	3.5	3.5	7.3	5.2	3.5						
DA-272-060	1 1/4	10	20	6	12	7	5	5	5	10.5	7.5	5						
DA-272-080	1 1/2	15	30	10	20	14	10	10	10	21	15	10						
DA-272-120	1 3/4	17	34	13	26	18.2	13	13	13	27.3	19.5	13						
DA-272-130	2	18	36	14	28	19.6	14	14	14	29.4	21	14						
DA-272-140	2 1/4	25	50	20	40	28	20	20	20	42	30	20						
DA-272-160	2 1/2	28	56	20	40	28	20	20	20	42	30	20						



- Rotates through 360° and pivots 180°, and simultaneously allows lifting from any direction.
- 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 and cap screw are traceable to Test Certification.
- Bolts are Metric thread (ASME / ANSI B18.3.1M), specification is alloy socket head screw per DIN EN ISO 4762.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Quick and simple assembly, just a tapped hole is required

» Taiwan Patent  
» China Patent

# Hoist Ring

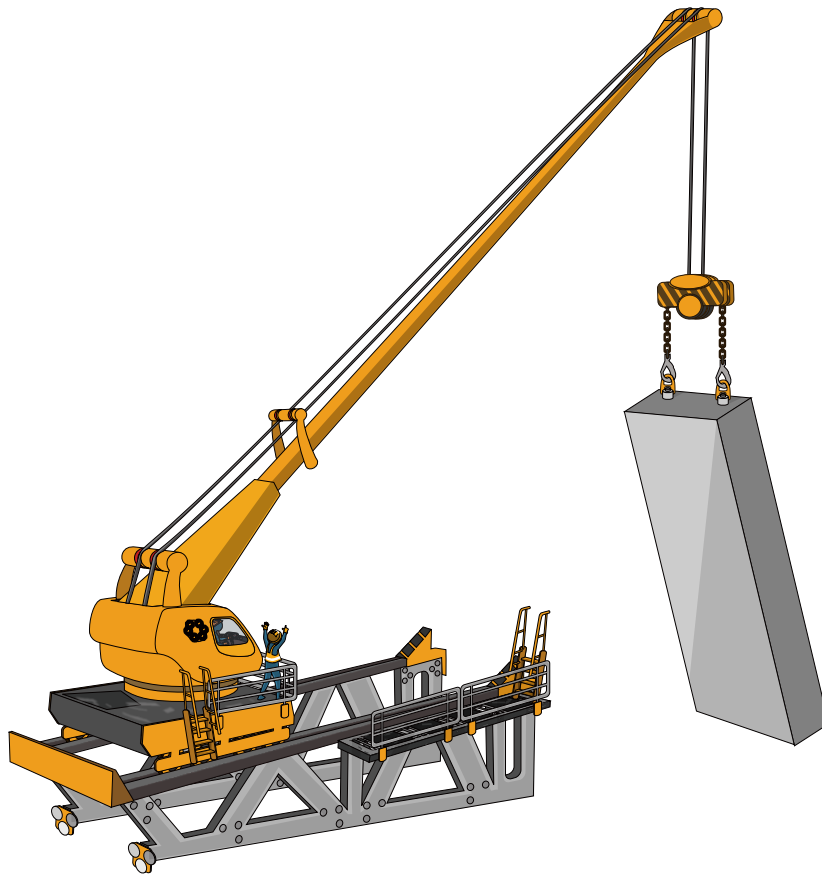
with Alloy Steel Washer  
Metric Thread (8-203)

Item No.	Working Load Limit		Thread	Dimensions (mm)						Torque in	N.W.	
	tonnes			M	A	B	D	E	F			G
	5 : 1	4 : 1										
							mm					
8-203-004	0.40	0.50	M 8 x 1.25	40	41	9	17	102	65	10	0.4	
8-203-005	0.45	0.55	M10 x 1.5	40	41	9	11	102	65	16	0.5	
§ 8-203-005L	0.45	0.55	M10 x 1.5	40	41	9	26	102	65	16	0.5	
8-203-010	1.05	1.30	M12 x 1.75	65	64	15	15	158	105	38	1.7	
§ 8-203-010L	1.05	1.30	M12 x 1.75	65	64	15	30	158	105	38	1.7	
8-203-019	1.90	2.40	M16 x 2	65	64	15	20	158	105	81	1.8	
§ 8-203-019L	1.90	2.40	M16 x 2	65	64	15	35	158	105	81	1.8	
8-203-021	2.15	2.70	M20 x 2.5	65	64	15	25	158	105	136	1.8	
§ 8-203-021L	2.15	2.70	M20 x 2.5	65	64	15	45	158	105	136	1.9	
8-203-030	3.00	3.75	M20 x 2.5	85	79	19	25	204	134	136	4.0	
§ 8-203-030L	3.00	3.75	M20 x 2.5	85	79	19	45	204	134	136	5.2	
8-203-042	4.20	5.25	M24 x 3	85	79	19	26	204	134	312	4.2	
§ 8-203-042L	4.20	5.25	M24 x 3	85	79	19	56	204	134	312	4.3	
8-203-070	7.00	8.75	M30 x 3.5	100	100	25	81	241	160	637	6.6	
8-203-110	11.00	13.75	M36 x 4	120	111	30	76	286	194	1005	15.0	
8-203-125	12.50	15.60	M42 x 4.5	120	111	30	65	286	220	1005	16.0	
8-203-135	13.50	16.90	M48 x 5	120	111	30	70	286	220	1350	16.0	
8-203-155	15.50	19.40	M56 x 5.5	138	109	34	79	308	241	1350	19.1	
8-203-223	22.30	27.90	M64 x 6	138	100	38	98	312	241	2847	23.0	

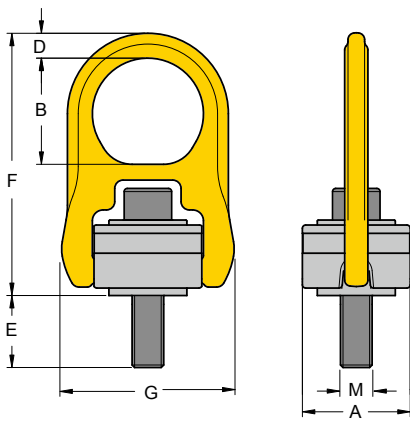
\* Design Factor 4:1

§ Long Bolts are designed for soft metal work piece.





Kind of attachment																
	Number of legs	Load direction	1	2	1	2	2	2	2	2	3-4	3-4	3-4	3-4	3-4	3-4
Item No.	Thread	WLL(t)														
8-203-004	M 8	0.5	1	0.5	1	0.7	0.5	0.5	1.05	0.75	0.5					
8-203-005	M10	0.55	1.1	0.55	1.1	0.77	0.55	0.55	1.16	0.83	0.55					
8-203-010	M12	1.3	2.6	1.3	2.6	1.82	1.3	1.3	2.73	1.95	1.3					
8-203-019	M16	2.4	4.8	2.4	4.8	3.36	2.4	2.4	5.04	3.6	2.4					
8-203-021	M20	2.7	5.4	2.7	5.4	3.78	2.7	2.7	5.67	4.05	2.7					
8-203-030	M20	3.75	7.5	3.75	7.5	5.25	3.75	3.75	7.88	5.63	3.75					
8-203-042	M24	5.25	10.5	5.25	10.5	7.35	5.25	5.25	11.03	7.88	5.25					
8-203-070	M30	8.75	17.5	8.75	17.5	12.25	8.75	8.75	18.38	13.13	8.75					
8-203-110	M36	13.75	27.5	13.75	27.5	19.25	13.75	13.75	28.88	20.63	13.75					
8-203-125	M42	15.6	31.2	15.6	31.2	21.84	15.6	15.6	32.76	23.4	15.6					
8-203-135	M48	16.9	33.8	16.9	33.5	23.66	16.9	16.9	35.49	25.35	16.9					
8-203-155	M56	19.4	38.8	19.4	38.8	27.16	19.4	19.4	40.74	29.1	19.4					
8-203-223	M64	27.9	55.8	27.9	55.8	39.06	27.9	27.9	58.59	41.85	27.9					



- Rotates through 360° and pivots 180°, and simultaneously allows lifting from any direction.
- 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 and cap screw are traceable to Test Certification.
- Bolts are UNC thread (ASME/ ANSI B18.31M), specification is alloy socket head screw per DIN EN ISO 4762.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Quick and simple assembly, just a tapped hole is required.

- » Taiwan Patent
- » China Patent

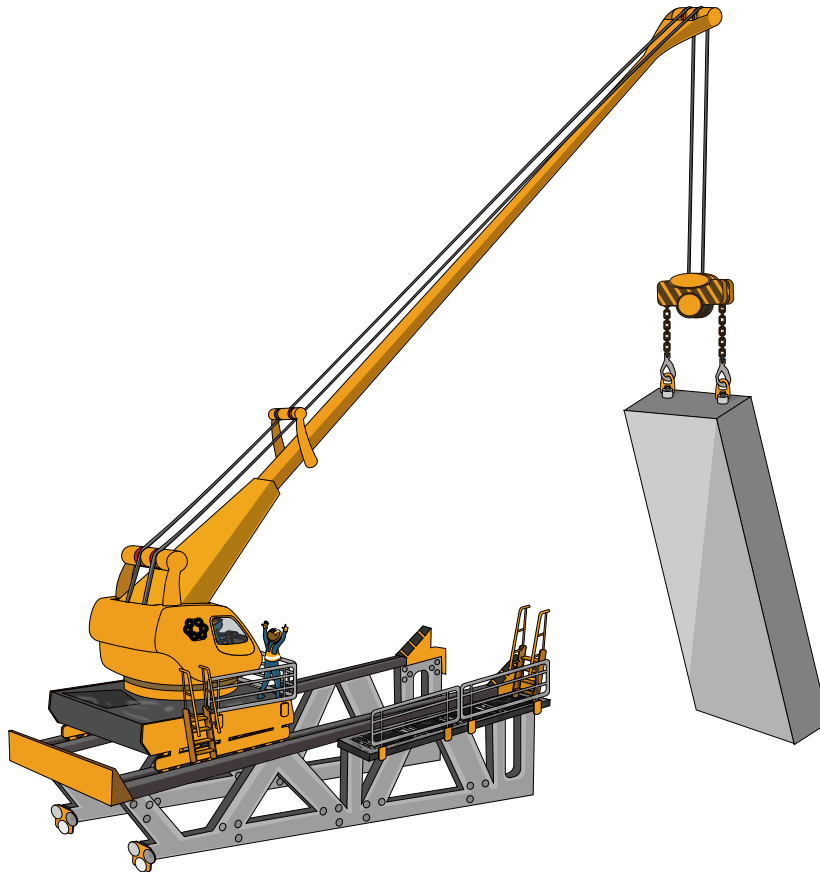
# Hoist Ring

with Alloy Steel Washer

UNC Thread (8-204)

Item No.	Working Load Limit	Thread	Dimensions (inch)						Torque	N.W.
	lbs		TPI	A	B	D	E	F	G	
8-204-004	800	5/16 - 18UNC	1.57	1.61	0.35	0.71	4.02	2.56	7	0.9
8-204-005	1000	3/8 - 16UNC	1.57	1.61	0.35	0.71	4.02	2.56	12	0.9
8-204-010	2500	1/2 - 13UNC	2.56	2.32	0.59	0.75	6.26	4.13	28	3.7
8-204-010L	2500	1/2 - 13UNC	2.56	2.32	0.59	1.26	6.26	4.13	28	3.7
8-204-019	4000	5/8 - 11UNC	2.56	2.32	0.59	0.74	6.26	4.13	60	4.0
8-204-019L	4000	5/8 - 11UNC	2.56	2.32	0.59	1.75	6.26	4.13	60	4.0
8-204-021	5000	3/4 - 10UNC	2.56	2.87	0.59	1.24	6.26	4.13	100	4.0
8-204-021L	5000	3/4 - 10UNC	2.56	2.87	0.59	1.73	6.26	4.13	100	4.2
8-204-030	7000	3/4 - 10UNC	3.35	2.87	0.59	0.87	6.26	5.28	100	8.8
8-204-030L	7000	3/4 - 10UNC	3.35	2.87	0.87	1.87	8.03	5.28	100	9.5
8-204-042	8000	7/8 - 9UNC	3.35	2.87	0.87	1.43	8.03	5.28	160	9.3
8-204-042L	8000	7/8 - 9UNC	3.35	2.87	0.87	2.37	8.03	5.28	160	9.7
8-204-045	10000	1 - 8UNC	3.35	2.87	0.87	1.36	8.03	5.28	230	9.5
8-204-045L	10000	1 - 8UNC	3.35	2.87	0.87	2.36	8.03	5.28	230	10.1
8-204-070	15000	1 1/4 - 7UNC	3.95	3.15	1.00	2.25	8.58	6.30	470	14.5
8-204-125	24000	1 1/2 - 6UNC	4.72	4.29	1.38	2.17	12.09	8.66	800	35.2
8-204-135	30000	2 - 4.5UNC	4.72	4.29	1.38	3.01	12.09	8.66	1100	35.2

\* Design Factor 5:1



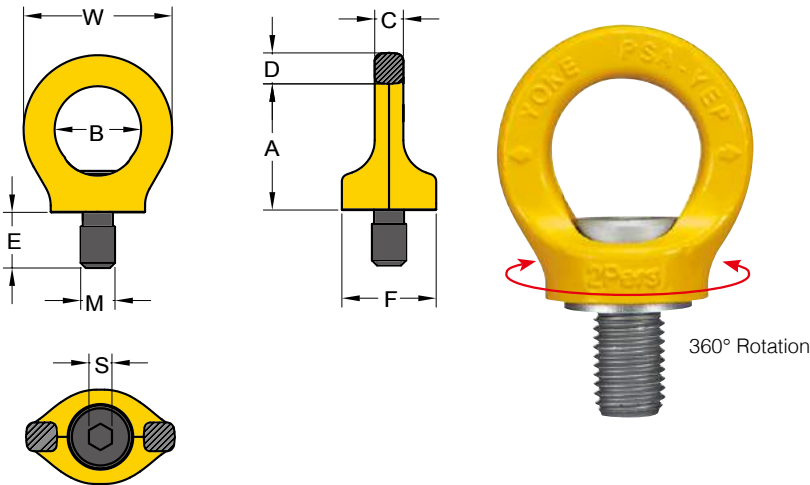
Kind of attachment											
Number of legs		1	2	1	2	2	2	2	3-4	3-4	3-4
Load direction		0°	0°	90°	90°	0-45°	45° - 60°	unsymm.	0 - 45°	45° - 60°	unsymm.
Item No.	Thread	WLL(t)									
8-204-004	5/16	0.36	0.72	0.36	0.72	0.504	0.36	0.36	0.756	0.54	0.36
8-204-005	3/8	0.45	0.9	0.45	0.9	0.63	0.45	0.45	0.945	0.675	0.45
8-204-010	1/2	1.1	2.2	1.1	2.2	1.54	1.1	1.1	2.31	1.65	1.1
8-204-019	5/8	1.8	3.6	1.8	3.6	2.52	1.8	1.8	3.78	2.7	1.8
8-204-021	3/4	2.2	4.4	2.2	4.4	3.08	2.2	2.2	4.62	3.3	2.2
8-204-030	3/4	3.1	6.2	3.1	6.2	4.34	3.1	3.1	6.51	4.65	3.1
8-204-042	7/8	3.6	7.2	3.6	7.2	5.04	3.6	3.6	7.56	5.4	3.6
8-204-045	1	4.5	9	4.5	9	6.3	4.5	4.5	9.45	6.75	4.5
8-204-070	1 1/4	6.8	13.6	6.8	13.6	9.52	6.8	6.8	14.28	10.2	6.8
8-204-125	1 1/2	10.9	21.8	10.9	21.8	15.26	10.9	10.9	22.89	16.35	10.9
8-204-135	2	13.6	27.2	13.6	27.2	19.04	13.6	13.6	28.56	20.4	13.6





**Anchor Point for Personal Protective Equipment**





- Rotates through 360° adjustable in the direction of the load.
- Manufactured from forged alloy steel, quenched and tempered.
- Manufactured and tested in accordance with EN795.
- Certified by PSA of DGUV.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and cap screw are traceable to Test Certification.
- Passed 22.2 KN/person Load testing.
- Passed 150 kg dynamic fall testing ( EU standard is 100 kg).
- Meets all requirements of the German BG BAU ( Employer 's insurance association of the building industry).
- Meets all requirements of DIN EN795, DIN EN50308, OSHA1926.502.
- Acc. to DIN EN 365 including statement for the number of load bearing persons is 1-2 persons.
- Correspond to the European Directive for "personnel protection equipment" (89/686/ EWG).
- YOKE yellow powder coating for high visibility.
- PSA - Lifting point to be as an anchor point for personal protective equipment.



**Anchor Point for Personal Protective Equipment**

## PSA-YEP

Metric Thread (8-281)

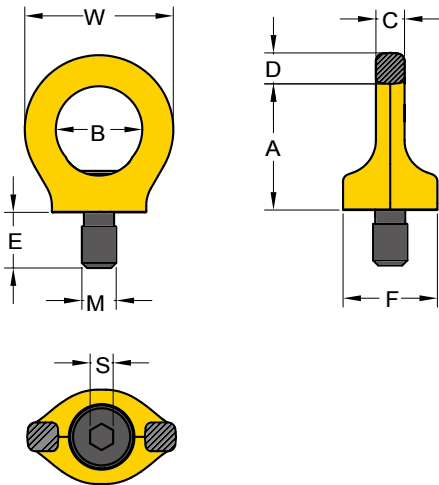
- » China Patent
- » French Patent
- » Australian Patent

Item No.	Working Load Limit	Thread version	Dimensions (mm)								Torque in	N.W.
			M	A	B	C	D	E	F	S	W	Nm
8-281-007	1 Pers	M12 x 1.75	45	30	10	11	19	33	8	52	10	0.2
8-281-015	2 Pers	M16 x 2	52	35	14	13	24	35	10	61	30	0.3
8-281-023	2 Pers	M20 x 2.5	60	40	16	15	30	44	12	70	70	0.6

## PSA-YEP

UNC Thread (8-281)

Item No.	Working Load Limit	Thread version	Dimensions (inch)								Torque in	N.W.
			M	A	B	C	D	E	F	S	W	ft. lbs
8-281-007	1 Pers	M12 x 1.75	1.8	1.2	0.4	0.4	0.7	1.3	0.3	2.0	7.4	0.4
8-281-015	2 Pers	M16 x 2	2.0	1.4	0.6	0.5	0.9	1.4	0.4	2.4	22.1	0.7
8-281-023	2 Pers	M20 x 2.5	2.4	1.6	0.6	0.6	1.2	1.7	0.5	2.8	51.7	1.3



- Rotates through 360° adjustable in the direction of the load.
- Manufactured from forged stainless steel.
- Manufactured and tested in accordance with EN795.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and cap screw are traceable to Test Certification.
- Passed 22.2KN/person load testing.
- Passed 150 kg dynamic fall testing ( EU standard is 100 kg).
- Meets all requirements of the German BG BAU ( Employer's insurance association of the building industry).
- Meets all requirements of DIN EN795, DIN EN50308, OSHA1926.502.
- Acc. to DIN EN 365 including statement for the number of load bearing persons is 1-2 persons.
- Corresponds to the European Directive for "personnel protection equipment" (89/686/ EWG).
- YOKE yellow powder coating for high visibility.
- Suitable for permanently outdoor application.
- PSA-INOX Lifting point to be as an anchor point for personal protective equipment.



**Anchor Point for Personal Protective Equipment**

## PSA-INOX-YEP

Metric Thread (8-285) stainless steel

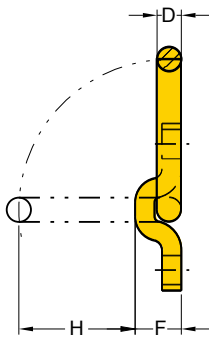
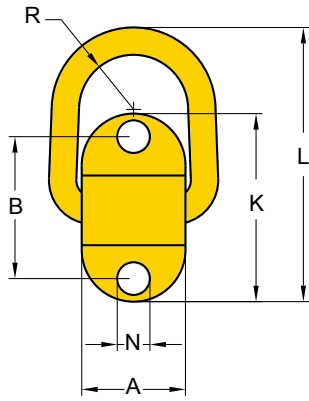
- » China Patent
- » French Patent
- » Australian Patent

Item No.	Working Load Limit	Thread version	Dimensions (mm)								Torque in		N.W.
			M	A	B	C	D	E	F	S	W	Nm	
8-285-007	1 Pers	M12 x 1.75	45	30	10	11	19	33	8	52	10	0.2	
8-285-015	2 Pers	M16 x 2	52	35	14	13	24	35	10	61	30	0.3	
8-285-023	2 Pers	M20 x 2.5	60	40	16	15	30	44	12	70	70	0.6	

## PSA-INOX-YEP

UNC Thread (8-285) stainless steel

Item No.	Working Load Limit	Thread version	Dimensions (inch)								Torque in		N.W.
			M	A	B	C	D	E	F	S	W	ft. lbs	
8-285-007	1 Pers	M12x1.75	1.8	1.2	0.4	0.4	0.7	1.3	0.3	2.0	7.4	0.4	
8-285-015	2 Pers	M16x2	2.0	1.4	0.6	0.5	0.9	1.4	0.4	2.4	22.1	0.7	
8-285-023	2 Pers	M20x2.5	2.4	1.6	0.6	0.6	1.2	1.7	0.5	2.8	51.7	1.3	



- Pivots 180° and allows side load lifting.
- 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.
- Supplied without bolts; usage of Grade 10.9 or Grade 12.9 bolts is recommended.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.

## Bolt-on Tie Down.

Designed with spring, stop at any angle supplied without bolt (8-058)

Item No.	Working Load Limit tonnes	Dimensions (mm)									N.W. kg
		A	B	D	F	H	K	L	N	R	
8-058-1T	1.0	50	72	14	27	55	98	139	14	24	0.7
8-058-3T	3.0	58	84	17	33	50	114	144	18	29	1.1
8-058-5T	5.0	64	116	22	43	74	160	203	23	33	2.5

\* Design factor 5:1  
\* Bolts of grade 10.9 & 12.9 are recommended

## Bolt-on Tie Down.

Designed with spring, stop at any angle supplied without bolt ( UNC 8-058 )

Item No.	Working Load Limit tonnes	Dimensions (inch)									N.W. lbs
		A	B	D	F	H	K	L	N	R	
8-058-1T	1.0	1.97	2.83	0.55	1.06	2.17	3.86	5.47	0.55	0.94	1.5
8-058-3T	3.0	2.28	3.31	0.67	1.30	1.97	4.49	5.67	0.71	1.14	2.4
8-058-5T	5.0	2.52	4.57	0.87	1.69	2.91	6.30	7.99	0.91	1.30	5.5

\* Design factor 5:1  
\* Bolts of grade 10.9 & 12.9 are recommended





# Weld-on Lifting Points





**Weld-on Point**  
8-057



**Classic Weld-on Point**  
8-0573



**Weld-on Ring**  
8-082

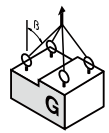
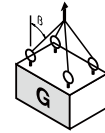
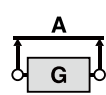
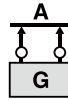
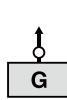


**Weld-on Hook**  
8-081



**Excavator Hook**  
8-083

Kind of attachment



Number of legs

Load direction

Item No.

1

2

1

2

2

2

2

3-4

3-4

3-4

0°

0°

90°

90°

0-45°

45° - 60°

unsymm.

0 - 45°

45° - 60°

unsymm.

WLL(t)

8-0573-01	1	2	1	2	1.4	1	1	2.1	1.5	1
8-0573-03	3	6	3	6	4.2	3	3	6.3	4.5	3
8-0573-05	5	10	5	10	7	5	5	10.5	7.5	5
8-0573-08	8	16	8	16	11.2	8	8	16.8	12	8
8-0573-10	10	20	10	20	14	10	10	21	15	10
8-0573-20	20	40	20	40	28	20	20	42	30	20
8-0573-30	30	60	30	60	42	30	30	63	45	30
8-057-1T	1	2	1	2	1.4	1	1	2.1	1.5	1
8-057-3T	3	6	3	6	4.2	3	3	6.3	4.5	3
8-057-5T	5	10	5	10	7	5	5	10.5	7.5	5
8-057-8T	8	16	8	16	11.2	8	8	16.8	12	8
8-057-10T	10	20	10	20	14	10	10	21	15	10
8-082-04	4	8	4	8	5.6	4	4	8.4	6	4
8-082-06	6.7	13.4	6.7	13.4	9.4	6.7	6.7	14.1	10.1	6.7
8-082-10	10	20	10	20	14	10	10	21	15	10
8-082-16	16	32	16	32	22.4	16	16	33.6	24	16
8-082-30	31.5	63	31.5	63	44.1	31.5	31.5	66.2	47.3	31.5
8-081-01, 8-083-01	1	2	1	2	1.4	1	1	2.1	1.5	1
8-081-02, 8-083-02	2	4	2	4	2.8	2	2	4.2	3	2
8-081-03, 8-083-03	3	6	3	6	4.2	3	3	6.3	4.5	3
8-081-04, 8-083-04	4	8	4	8	5.6	4	4	8.4	6	4
8-081-05, 8-083-05	5	10	5	10	7	5	5	10.5	7.5	5
8-081-08, 8-083-08	8	16	8	16	11.2	8	8	16.8	12	8
8-081-10, 8-083-10	10	20	10	20	14	10	10	21	15	10
8-081-15, 8-083-15	15	30	15	30	21	15	15	31.5	22.5	15



## 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

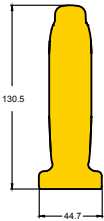
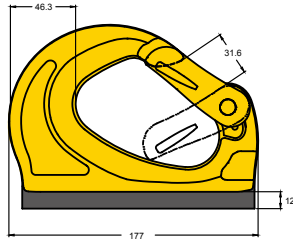
- The welds must be sufficiently strong to take the required loads.
- Before starting the final weld pass, clean well the root pass to avoid inclusions.
- The complete welding operation must be carried out continuously so that the parts do not have time to cool.
- Effects of temperature
  - The complete 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



- Manufactured from forged alloy steel, quenched and tempered.
- Manufactured and tested in accordance with EN1677-1.
- Certified by DGUV GS-OA-15-03.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts are traceable to Test Certification.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 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.

# Excavator Hook

## Metric (8-083)

Item No.	Working Load Limit									N.W.
	tonnes	F	H	L	P	T	W	HV	a	
8-083-0075	0.75	19	20	56	19	13	81.5	5	3	0.3
8-083-01	1.0	25	27	72	27	17	95	6	4	0.6
8-083-02	2.0	30	30	86	33	20	114	8	5	0.9
8-083-03	3.0	35	32	105	30	23	132	10	6	1.4
8-083-04	4.0	42	38	114	30	29	140	11	7	1.9
8-083-05	5.0	45	47	131	32	30	165	12	8	2.9
8-083-08	8.0	50	51	133	34	40	172	13	9	3.5
8-083-10	10.0	55	61	170	51	43	220	14	9	6.3
8-083-15	15.0	60	67	184	53	50	240	15	12	8.8

\* Design factor 5:1

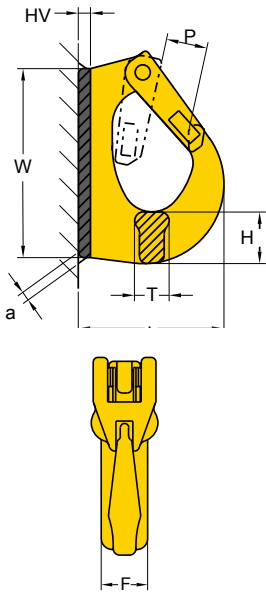
YOKE recommends that the working load limit should be reduced to meet any appropriate legislative requirements, if welding on to an excavator. Please contact your YOKE distributors for further information.

# Excavator Hook

## UNC (8-083)

Item No.	Working Load Limit									N.W.
	tonnes	F	H	L	P	T	W	HV	a	
8-083-0075	0.75	0.75	0.79	2.20	0.75	0.51	3.21	0.20	0.12	0.6
8-083-01	1.0	0.98	1.06	2.83	1.06	0.67	3.74	0.24	0.16	1.2
8-083-02	2.0	1.18	1.18	3.39	1.30	0.79	4.49	0.31	0.20	2.0
8-083-03	3.0	1.38	1.26	4.13	1.18	0.91	5.20	0.39	0.24	3.1
8-083-04	4.0	1.65	1.50	4.49	1.18	1.14	5.51	0.43	0.28	4.3
8-083-05	5.0	1.77	1.85	5.16	1.26	1.18	6.50	0.47	0.31	6.3
8-083-08	8.0	1.97	2.01	5.24	1.34	1.57	6.77	0.51	0.35	7.7
8-083-10	10.0	2.17	2.40	6.69	2.01	1.69	8.66	0.55	0.35	14.0
8-083-15	15.0	2.36	2.64	7.40	2.09	1.97	9.45	0.59	0.47	19.3





- Manufactured from forged alloy steel, quenched and tempered.
- Manufactured and tested in accordance with EN1677-1.
- Certified by DGUV GS-OA-15-03.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts are traceable to Test Certification.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 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.

## Weld-on Hook

### Metric (8-081)

Item No.	Working Load Limit									N.W. kg
	tonnes	F	H	L	P	T	W	HV	a	
8-081-01	1.0	25	27	70	18	18	95	7	4	0.6
8-081-02	2.0	30	30	85	25	20	115	8	5	1.0
8-081-03	3.0	35	30	107	28	23	133	9	6	1.4
8-081-04	4.0	42	38	114	28	30	142	10	7	2.2
8-081-05	5.0	44	47	135	30	31	167	12	7	3.0
8-081-08	8.0	50	52	137	32	39	176	12	8	3.7
8-081-10	10.0	56	56	170	44	42	222	13	8	6.2
8-081-15	15.0	61	67	184	54	45	242	14	10	7.9

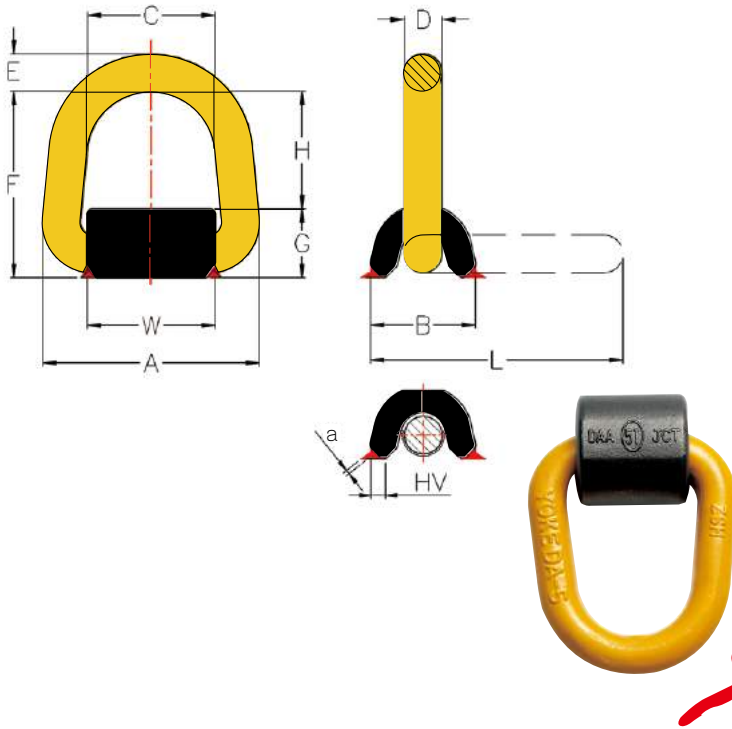
\* Design factor 5:1

YOKE recommends that the working load limit should be reduced to meet any appropriate legislative requirements, if welding on to an excavator. Please contact your YOKE distributors for further information.

## Weld-on Hook

### UNC (8-081)

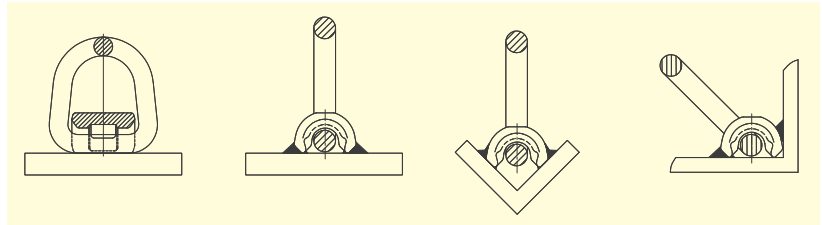
Item No.	Working Load Limit									N.W. lbs
	tonnes	F	H	L	P	T	W	HV	a	
8-081-01	1.0	0.98	1.06	2.83	0.71	0.67	3.74	0.28	0.24	1.3
8-081-02	2.0	1.18	1.22	3.46	0.98	0.79	4.53	0.31	0.31	2.2
8-081-03	3.0	1.38	1.18	4.21	1.1	0.91	5.24	0.35	0.39	3.1
8-081-04	4.0	1.65	1.5	4.41	1.1	1.18	5.55	0.39	0.43	4.4
8-081-05	5.0	1.73	1.81	5.24	1.18	1.22	6.57	0.47	0.51	6.6
8-081-08	8.0	1.97	2.13	5.39	1.26	1.54	6.89	0.47	0.55	8.4
8-081-10	10.0	2.2	2.2	6.61	1.73	1.65	8.74	0.51	0.63	13.9
8-081-15	15.0	2.4	2.64	7.24	2.13	1.77	9.49	0.55	0.67	17.4



- 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.
- Fatigue rated to 20,000 cycles at 1.5 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.

## Classic Weld-on Point

without Spring Designed



Item No.	Working Load Limit tonnes*	Dimensions (mm)											N.W. kg	
		A	B	C	D	E	F	G	H	L	W	HV		a
8-0573-01	1.0	83	37	48	14	14	75	26	49	105	48	5	3	0.5
8-0573-03	3.0	98	48	58	17	17	85	31	54	112	54	6	3	0.9
8-0573-05	5.0	120	56	66	22	22	92	37	55	154	56	7	3	1.3
8-0573-08	8.0	121	68	68	26	26	122	47	75	169	55	10	4	2.4
8-0573-10	10.0	146	68	82	20	30	125	47	78	191	70	10	4	2.8
8-0573-20	20.0**	186.5	93	100	25	37	180	70	110	234	91	20	4	6.5
8-0573-30	30.0**	254.5	130	140	35	45	225	98	127	328	127	20	4	17.2

\* Design factor 5:1

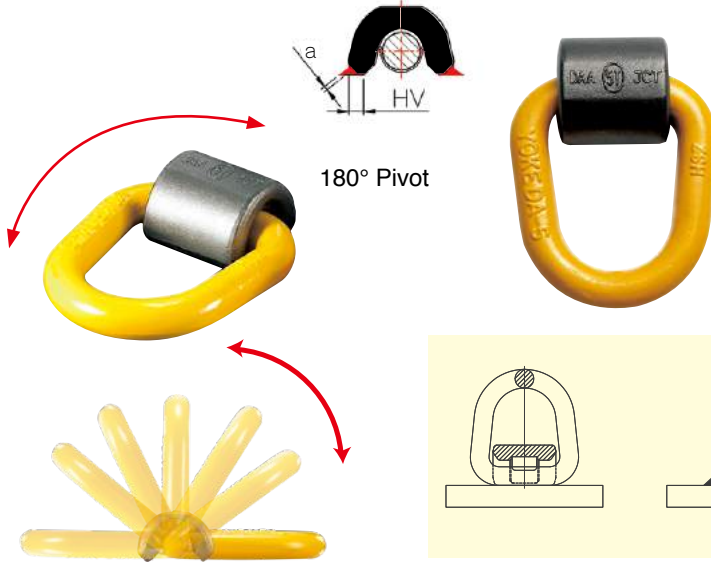
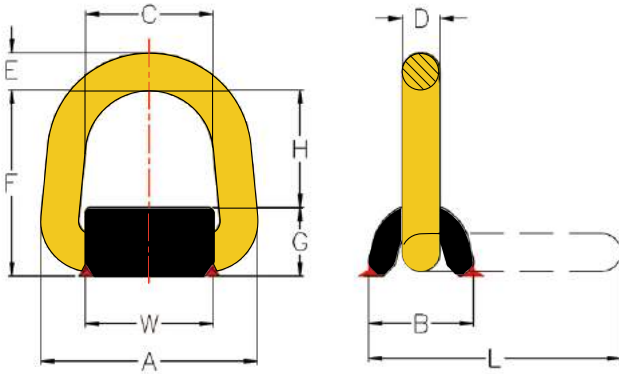
\*\*Design factor 4:1

Item No.	Working Load Limit tonnes*	Dimensions (inch)											N.W. lbs	
		A	B	C	D	E	F	G	H	L	W	HV		a
8-0573-01	1.0	3.27	1.46	1.89	0.55	0.55	2.95	1.02	1.93	4.13	1.89	0.2	0.12	1.1
8-0573-03	3.0	3.86	1.89	2.28	0.67	0.67	3.35	1.22	2.13	4.41	2.13	0.24	0.12	2.0
8-0573-05	5.0	4.72	2.20	2.60	0.87	0.87	3.62	1.46	2.17	6.06	2.20	0.25	0.12	2.9
8-0573-08	8.0	4.76	2.68	2.68	1.02	1.02	4.80	1.85	2.95	6.65	2.17	0.39	0.16	5.3
8-0573-10	10.0	5.75	2.68	3.23	0.79	1.18	4.92	1.85	3.07	7.52	2.76	0.39	0.16	6.2
8-0573-20	20.0**	7.34	3.66	3.94	0.98	1.46	7.09	2.76	4.33	9.21	3.58	0.78	0.16	14.3
8-0573-30	30.0**	10.02	5.12	5.51	1.38	1.77	8.86	3.86	5.00	12.91	5.00	0.78	0.16	37.8

\* Design factor 5:1

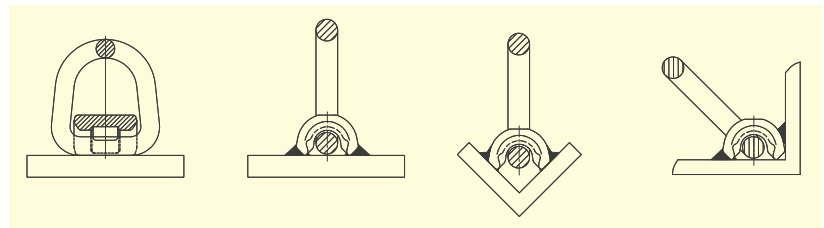
\*\*Design factor 4:1





180° Pivot

Stop at Any Angle



- 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.
- Fatigue rated to 20,000 cycles at 1.5 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.

## Weld-on Point

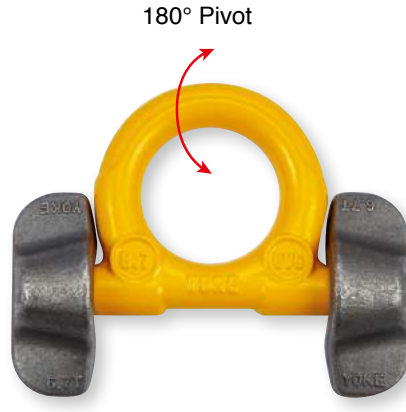
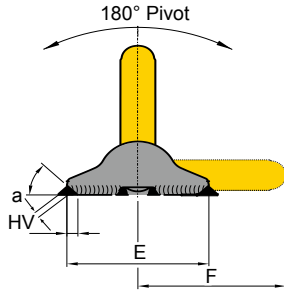
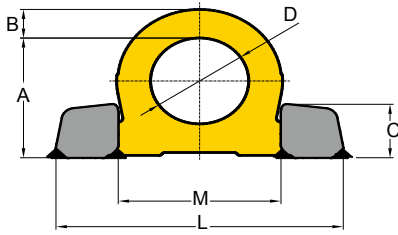
Designed with spring, stop at any angle

Item No.	Working Load Limit tonnes	Dimensions (mm)											N.W. kg	
		A	B	C	D	E	F	G	H	L	W	HV		a
8-057-1T	1.0	83	37	48	14	14	75	26	49	105	48	5	3	0.5
8-057-3T	3.0	98	48	58	17	17	85	31	54	112	54	6	3	0.9
8-057-5T	5.0	120	56	66	22	22	92	37	55	154	56	7	3	1.3
8-057-8T	8.0	121	68	68	26	26	122	47	75	169	55	10	4	2.6
8-057-10T	10.0	146	68	82	20	30	125	47	78	191	70	10	4	2.8

\* Design factor 5:1

Item No.	Working Load Limit tonnes	Dimensions (inch)											N.W. lbs	
		A	B	C	D	E	F	G	H	L	W	HV		a
8-057-1T	1.0	3.27	1.46	1.89	0.55	0.55	2.95	1.02	1.93	4.13	1.89	0.2	0.12	1.1
8-057-3T	3.0	3.86	1.89	2.28	0.67	0.67	3.35	1.22	2.13	4.41	2.13	0.24	0.12	2.0
8-057-5T	5.0	4.72	2.20	2.60	0.87	0.87	3.62	1.46	2.17	6.06	2.20	0.25	0.12	2.9
8-057-8T	8.0	4.76	2.68	2.68	1.02	1.02	4.80	1.85	2.95	6.65	2.17	0.39	0.16	5.7
8-057-10T	10.0	5.75	2.68	3.23	0.79	1.18	4.92	1.85	3.07	7.52	2.76	0.39	0.16	6.2

\* Design factor 5:1



- Pivots 180°, designed minimizes head room.
- Manufactured from forged alloy steel, quenched and tempered.
- Manufactured and tested in accordance with EN1677-1.
- Certified by DGUV GS-OA-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.
- Fatigue rated to 20,000 cycles at 1.5 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	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	95	21	46	65	100	100	196	106	7	4	2.4
8-082-16	16	127	30	57	90	130	136	263	149	8	4	5.5
8-082-30	31.5	178	42	78	130	160	160	375	213	15	4	15.8

\* Design factor 4:1

## Weld-on Ring

UNC (8-082)

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	2.6	0.55	1.18	1.89	2.56	2.76	5.31	2.99	0.2	0.1	1.3
8-082-06	6.7	3.35	0.79	1.54	2.36	3.5	3.58	6.73	3.86	0.2	0.1	3.3
8-082-10	10	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	5	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	3.07	5.12	6.3	7.68	14.76	8.39	0.59	0.2	34.8

\* Design factor 4:1







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*Safety is our first priority™*

An ISO 9001 Registered Company



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