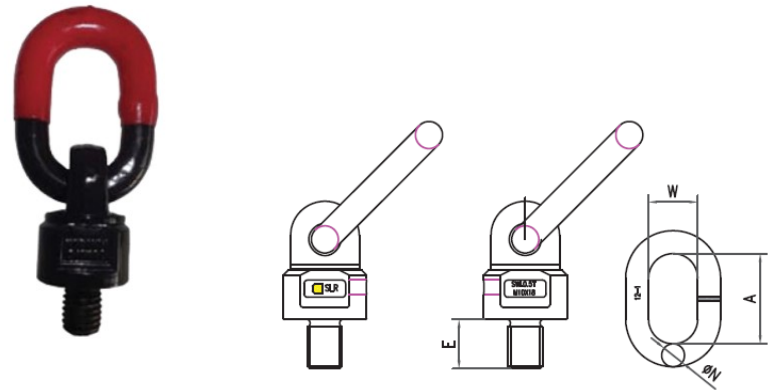


**SWIVEL HOIST RINGS (UNC THREADS)**

- Embossed with VGD trace code
- WLL and nominal size to meet ASME B 30.26

Made from all steel construction the swivel lifting eye is a heavy duty lifting device which enables the user to safely lift units from horizontal to vertical and back again if required. Swivel Lifting Eyes are used where it is necessary to have full rotation of the loop. Swivels 180 degrees and swivels 360 degrees simultaneously to allow lifting from any direction.

As a safety precaution, Normal Eye Bolts are not recommended for Lifting at angles.



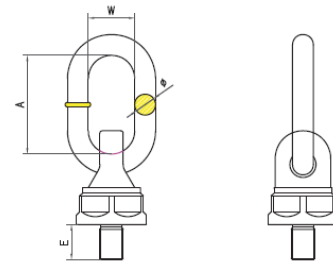
Tap Size	Dimensions (mm)				WLL at Lift Angle (lbs)		Weight (lbs/pc)	Vanguard Code
	A	E	W	NØ	0 Deg.	90 Deg.		
1/4" - 20	55	13	30	14	1,213	606	0.90	2978 11613
5/16" - 18	55	13	30	14	1,323	661	0.92	2978 12013
3/8" - 16	55	18	30	14	1,984	1,102	0.95	2978 12418
7/16" - 14	55	18	30	14	2,205	1,102	0.96	2978 12818
1/2" - 13	55	20	30	14	2,205	1,102	0.98	2978 13220
5/8" - 11	55	20	30	14	4,409	2,469	1.05	2978 14020
3/4" - 10	70	30	35	16	8,818	4,409	2.11	2978 14830
7/8" - 9	70	30	35	16	11,023	5,512	2.45	2978 15630
1" - 8	85	30	40	18	13,889	6,945	3.11	2978 16430
1-1/4" - 7	115	50	50	25	26,015	17,637	8.00	2978 18050

**WARNING :** NEVER EXCEED WORKING LOAD LIMITS !  
 WORKING LOAD LIMITS APPLY TO LIFTING ANGLES SPECIFIED ABOVE  
 NEVER INSERT THE POINT OF A HOOK IN AN EYE BOLT.  
 ALWAYS USE A SHACKLE !  
 DO NOT USE LIFTING SWIVEL WHICH SHOW SIGNS OF WEAR OR DEFORMATION!

### SWIVEL HOIST RINGS (METRIC THREADS)

- Embossed with VGDM trace code
- WLL and nominal size to meet ASME B 30.26

Made from all steel construction the swivel lifting eye is a heavy duty lifting device which enables the user to safely lift units from horizontal to vertical and back again if required. Swivel Lifting Eyes are used where it is necessary to have full rotation of the loop. Pivots 180 degrees and swivels 360 degrees simultaneously to allow lifting from any direction.



Tap Size	Dimensions (mm)				WLL at Lift Angle (tons)		Weight (lbs/pc)	Vanguard Code
	A	E	W	Ø	0 Deg.	90 Deg.		
M8	55	13	30	13	0.60	0.30	0.92	2978 20813
M8	55	18	30	13	0.60	0.30	0.95	2978 20818
M10	55	18	30	13	0.90	0.45	0.96	2978 21018
M10	55	25	30	13	0.90	0.45	1.11	2978 21025
M12	55	20	30	13	1.00	0.50	1.11	2978 21220
M12	55	27	30	13	1.00	0.50	1.11	2978 21227
M16	55	24	30	13	2.00	1.12	1.11	2978 21624
M16	55	30	30	13	2.00	1.12	1.12	2978 21630
M16	55	35	30	13	2.00	1.12	1.15	2978 21635
M20	85	30	40	18	4.00	2.00	2.14	2978 22030
M20	85	43	40	18	4.00	2.00	2.20	2978 22043
M24	85	30	40	18	6.30	3.15	3.22	2978 22430
M24	85	38	40	18	6.30	3.15	3.27	2978 22438
M30	115	35	50	25	10.60	5.30	4.81	2978 23035
M30	115	50	50	25	11.80	8.00	8.30	2978 23050
M36	115	54	50	25	11.80	8.00	8.65	2978 23654

**WARNING :** NEVER EXCEED WORKING LOAD LIMITS !  
 WORKING LOAD LIMITS APPLY TO LIFTING ANGLES SPECIFIED ABOVE  
 NEVER INSERT THE POINT OF A HOOK IN AN EYE BOLT.  
 ALWAYS USE A SHACKLE !  
 DO NOT USE LIFTING SWIVEL WHICH SHOW SIGNS OF WEAR OR DEFORMATION!



### General Warnings

All Vanguard rigging products are sold with the express understanding that both the purchaser and the end user are thoroughly familiar with the safe, proper and acceptable applications of the products.

It is the responsibility of the end user to establish proper safety programs and to provide thorough training for all personnel prior to use. The training programs must meet any federal/provincial/state/local code requirements, existing plant/site safety rules and regulations, and all instructions provided in the applicable section of this catalogue. Product failure can occur due to abuse, misapplication, lack of maintenance, use by unqualified personnel and improper inspection prior to use. **Any failure of rigging products may result in property damage, personal injury and even death!!!!**

### Standards

There are numerous government and industrial standards that cover rigging products. This catalogue makes no attempt to reference all of them; it references to the standards that are most frequently asked about.

### Working Load Limit (WLL) – Safe Working Load (SWL)

The Working Load Limits shown in this catalogue are applicable to products that are new or “in as new” condition. The Working Load Limits ratings refer to the maximum amount of force or load that the rigging product can carry under normal working/environmental conditions. The Working Load Limits and Design Factor can be affected by wear, misuse, overloading, shock loading, side loading, corrosion, deformation, product alteration and other use conditions. Inspection of rigging products prior to use is required to determine whether the product continues to meet the assigned WLL provided in this catalogue, should be used at a reduced rating or removed from service.

**The WLL rating must never be exceeded!!!!**



### General information disclaimer

The contents contained in this publication are for general information only.

Although every effort has been made to assure the accuracy of the information at time of print, persons who use the Catalog should note that ratings, laws, rules, and policies change from time to time and that these changes may alter the information contained in this publication.

Vanguard Steel Ltd. assumes no liability for Catalog errors or omissions.

It is the responsibility of each person who uses this Catalog to ascertain current information that pertains to the individual lifting program, particularly with regard to satisfactory safety compliance requirements. Check your Provincial and Local safety standards before any operation or lift is attempted.

It is the responsibility of the person/operator to frequently search for updated reference information.

Do not use lesser than matching Grade components for any lifting application !

Do not use Slings, Chains or Accessories with signs of wear or deformation !

Inspections - Each day before being used, the sling and all fastenings and attachments shall be inspected for damage or defects by a competent person designated by the employer. Additional inspections shall be performed during sling use where service conditions warrant. Damaged or defective slings shall be immediately removed from service.