

DECLARATION OF PERFORMANCE

Product Description: **Ulti-Mate[®] II Woodscrews**
 Product Type: **Multi-Purpose Woodscrew**
 Manufacturer: **The Phillips Screw Company**
 Contact Address: **Millennium Way, High Carr Business Park, Newcastle-under-Lyme, Staffordshire, ST5 7XE**
 Harmonized Standard: **BS EN 14592:2008+A1:2012**

Screw Size (mm)	Nominal Diameter (mm)	Core Diameter (mm)	Total Length (mm)	Thread Length (mm)	Head Diameter (mm)	Test Report Number	Characteristic Yield Moment $M_{y,k}$ (Nmm)	Characteristic Withdrawal Parameter $f_{ax,k}$ (N/mm ²)		Characteristic Head Pull-Through Parameter $f_{head,k}$ (N/mm ²)	Characteristic Tensile Capacity $f_{tens,k}$ (kN)	Characteristic Torsional Ratio
								Perpendicular to the Grain	Parallel to the Grain			
3.0 x 12	3.00	1.95	12.00	9.00	5.50	1015-CPR-30-14825/JZ	1555	18.60	12.76	27.61	4.48	3.30
3.0 x 20	3.00	1.95	20.00	17.00	5.50	1015-CPR-30-14825/JZ	1555	18.60	12.76	27.61	4.48	3.30
3.0 x 25	3.00	1.95	25.00	22.00	5.50	1015-CPR-30-14825/JZ	1555	18.60	12.76	27.61	4.48	3.30
3.5 x 12	3.50	2.28	12.00	8.00	7.00	1015-CPR-30-11463/4	3166	16.53	13.10	26.85	5.01	3.35
3.5 x 16	3.50	2.28	16.00	12.00	7.00	1015-CPR-30-11463/4	3166	16.53	13.10	26.85	5.01	3.35
3.5 x 20	3.50	2.28	20.00	16.00	7.00	1015-CPR-30-11463/4	3166	16.53	13.10	26.85	5.01	3.35
3.5 x 25	3.50	2.28	25.00	21.00	7.00	1015-CPR-30-11463/4	3166	16.53	13.10	26.85	5.01	3.35
3.5 x 30	3.50	2.28	30.00	26.00	7.00	1015-CPR-30-11463/4	3166	16.53	13.10	26.85	5.01	3.35
3.5 x 35	3.50	2.28	35.00	31.00	7.00	1015-CPR-30-11463/4	3166	16.53	13.10	26.85	5.01	3.35
3.5 x 40	3.50	2.28	40.00	36.00	7.00	1015-CPR-30-11463/4	3166	16.53	13.10	26.85	5.01	3.35
3.5 x 50	3.50	2.28	50.00	33.00	7.00	1015-CPR-30-11463/4	3166	16.53	13.10	26.85	5.01	3.35
4.0 x 16	4.00	2.86	16.00	12.00	8.00	1015-CPR-30-11463/5	6193	16.40	12.77	24.29	8.31	2.79
4.0 x 20	4.00	2.86	20.00	16.00	8.00	1015-CPR-30-11463/5	6193	16.40	12.77	24.29	8.31	2.79
4.0 x 25	4.00	2.86	25.00	21.00	8.00	1015-CPR-30-11463/5	6193	16.40	12.77	24.29	8.31	2.79
4.0 x 30	4.00	2.86	30.00	26.00	8.00	1015-CPR-30-11463/5	6193	16.40	12.77	24.29	8.31	2.79
4.0 x 40	4.00	2.86	40.00	36.00	8.00	1015-CPR-30-11463/5	6193	16.40	12.77	24.29	8.31	2.79
4.0 x 45	4.00	2.86	45.00	30.00	8.00	1015-CPR-30-11463/5	6193	16.40	12.77	24.29	8.31	2.79
4.0 x 50	4.00	2.86	50.00	33.00	8.00	1015-CPR-30-11463/5	6193	16.40	12.77	24.29	8.31	2.79
4.0 x 60	4.00	2.86	60.00	40.00	8.00	1015-CPR-30-11463/5	6193	16.40	12.77	24.29	8.31	2.79
4.0 x 70	4.00	2.86	70.00	47.00	8.00	1015-CPR-30-11463/5	6193	16.40	12.77	24.29	8.31	2.79
4.5 x 50	4.50	3.11	50.00	33.00	9.0	1015-CPR-30-15161/JZ	7850	17.75	14.37	26.31	9.10	4.07
4.5 x 70	4.50	3.11	70.00	47.00	9.0	1015-CPR-30-15161/JZ	7850	17.75	14.37	26.31	9.10	4.07
4.5 x 80	4.50	3.11	80.00	53.00	9.0	1015-CPR-30-15161/JZ	7850	17.75	14.37	26.31	9.10	4.07
5.0 x 30	5.00	3.41	30.00	25.00	10.00	1015-CPR-30-11463/6	9679	16.59	13.02	23.30	10.62	2.19
5.0 x 40	5.00	3.41	40.00	35.00	10.00	1015-CPR-30-11463/6	9679	16.59	13.02	23.30	10.62	2.19
5.0 x 50	5.00	3.41	50.00	33.00	10.00	1015-CPR-30-11463/6	9679	16.59	13.02	23.30	10.62	2.19
5.0 x 60	5.00	3.41	60.00	40.00	10.00	1015-CPR-30-11463/6	9679	16.59	13.02	23.30	10.62	2.19
5.0 x 70	5.00	3.41	70.00	47.00	10.00	1015-CPR-30-11463/6	9679	16.59	13.02	23.30	10.62	2.19
5.0 x 80	5.00	3.41	80.00	53.00	10.00	1015-CPR-30-11463/6	9679	16.59	13.02	23.30	10.62	2.19
5.0 x 90	5.00	3.41	90.00	60.00	10.00	1015-CPR-30-11463/6	9679	16.59	13.02	23.30	10.62	2.19
5.0 x 100	5.00	3.41	100.00	66.00	10.00	1015-CPR-30-11463/6	9679	16.59	13.02	23.30	10.62	2.19
6.0 x 50	6.00	3.90	50.00	33.00	12.00	1015-CPR-30-11463/7	14208	15.89	11.29	21.91	11.48	1.51
6.0 x 60	6.00	3.90	60.00	40.00	12.00	1015-CPR-30-11463/7	14208	15.89	11.29	21.91	11.48	1.51
6.0 x 70	6.00	3.90	70.00	47.00	12.00	1015-CPR-30-11463/7	14208	15.89	11.29	21.91	11.48	1.51
6.0 x 80	6.00	3.90	80.00	53.00	12.00	1015-CPR-30-11463/7	14208	15.89	11.29	21.91	11.48	1.51
6.0 x 90	6.00	3.90	90.00	60.00	12.00	1015-CPR-30-11463/7	14208	15.89	11.29	21.91	11.48	1.51
6.0 x 100	6.00	3.90	100.00	66.00	12.00	1015-CPR-30-11463/7	14208	15.89	11.29	21.91	11.48	1.51
6.0 x 130	6.00	3.90	130.00	86.00	12.00	1015-CPR-30-11463/7	14208	15.89	11.29	21.91	11.48	1.51
6.0 x 150	6.00	3.90	150.00	100.00	12.00	1015-CPR-30-11463/7	14208	15.89	11.29	21.91	11.48	1.51
6.0 x 180	6.00	3.90	180.00	100.00	12.00	1015-CPR-30-11463/7	14208	15.89	11.29	21.91	11.48	1.51
6.0 x 200	6.00	3.90	200.00	100.00	12.00	1015-CPR-30-11463/7	14208	15.89	11.29	21.91	11.48	1.51

The performance of **Ulti-Mate[®] II Woodscrews** is in conformity with the declared performance shown in the table above.

Signed on behalf of The Phillips Screw Company by:



Andrew Jackson General Manager
 Date: 28 July 2022