

Technical data sheet

SIMPSON

Strong-Tie

ARA4

Ring Shank Wood to Wood Nail - Stainless Steel (A4)

This ring shank nail with its low oval head and ring shank is used to fix timber components to wood, where high pull-out strength is required. Stainless A4 can withstand all weather conditions and also deal with aggressive environments.



ARA4

Ring Shank Wood to Wood Nail - Stainless Steel (A4)

Technical Data

Product Dimensions



References	Item Code	Tun / DB nr.	NOB nr.	Fastener dimensions [mm]						
				d	l	d _h	A _h	h _t	l _g	l _p
ARA42.3X35	74223	1950552	53292846	2.3	35	5.5	23.8	1.3	27	3.2
ARA42.3X45	74224	1950553	53292854		45	5.5	23.8	1.2	32	2.4
ARA42.3X50	74225	1950554	53292865		50	5.5	23.8	1.4	37	2.9
ARA42.5X60	74226	1950555	53292873	2.5	60	5.7	25.5	1.3	42	3.4
ARA43.1X75	74227	1950556	53292884	3.1	75	7.5	44.2	1.8	46	4.3

ARA41.9x20, ARA41.9X25, ARA41.9X30 and ARA41.9X35 are not CE marked.

Product characteristic properties

References	Product characteristic properties			
	Characteristic Yield Moment – M _{y,k} [M _{y,k}] [Nm]	Characteristic withdrawal parameter - f _{ax,k,90°} [f _{ax,k,90°}] [N/mm ²]	Characteristic head pull-through parameter - f _{head,k} [f _{head,k}] [N/mm ²]	Characteristic tensile capacity - f _{tens,k} [f _{tens,k}] [kN]
ARA42.3X35	1839	8.5	22.8	3.2
ARA42.3X45	1839	8.5	22.8	3.2
ARA42.3X50	1784	6.2	29.3	3.2
ARA42.5X60	2257	6	27.2	3.5
ARA43.1X75	4409	7.1	-	5.7

