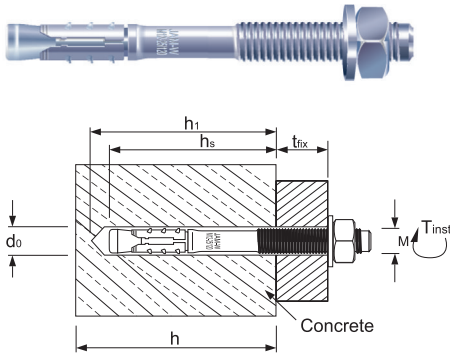


JAM-W Steel Wedge Anchor

20001 Zinc Plated

20003 Hot Dip Galvanized

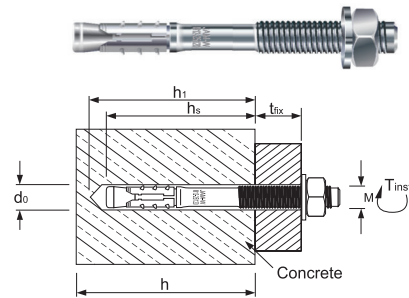


Item No. (Zinc Plated)	Item No. (Hot Dip Galvanized)	Description	Bore x Hole Depth d ₀ x h ₁ (mm)	Setting Depth h _s (mm)	Tightening Torque T _{inst} (Nm)	Fixture Thickness t _{fix} (mm)	Base Material Thickness h (mm)	Recommended Load* Tensile Load (kN)	Shear Load (kN)
2000106050	-	W M6-5/50	6 x 45	36	8	5	100	1.50	1.6
2000106065	-	W M6-10/65	6 x 55	46	8	10	100	2.50	2.0
2000108060	2000308060	W M8-5/60	8 x 55	45	15	5	100	3.00	3.0
2000108075	2000308075	W M8-10/75	8 x 65	55	15	10	100	3.70	3.2
2000108090	2000308090	W M8-25/90	8 x 65	55	15	25	100	3.70	3.2
2000108110	2000308110	W M8-45/110	8 x 65	55	15	45	100	3.70	3.2
2000110070	2000310070	W M10-10/70	10 x 60	48	30	10	100	4.00	5.0
2000110090	2000310090	W M10-20/90	10 x 70	58	30	20	100	5.30	6.3
2000110100	2000310100	W M10-30/100	10 x 70	58	30	30	100	5.30	6.3
2000110110	2000310110	W M10-40/110	10 x 70	58	30	40	100	5.30	6.3
2000110120	2000310120	W M10-50/120	10 x 70	58	30	50	100	5.30	6.3
2000112075	2000312075	W M12-5/75	12 x 65	55	50	5	100	4.50	6.4
2000112090	2000312090	W M12-5/90	12 x 80	70	50	5	120	6.80	8.0
2000112105	2000312105	W M12-10/105	12 x 90	80	50	10	150	8.30	9.0
2000112120	2000312120	W M12-25/120	12 x 90	80	50	25	150	8.30	9.0
2000112170	2000312170	W M12-75/170	12 x 90	80	50	75	150	8.30	9.0
2000116100	2000316100	W M16-5/100	16 x 90	75	100	5	150	8.10	13.0
2000116120	2000316120	W M16-5/120	16 x 110	95	100	5	150	12.50	14.2
2000116140	2000316140	W M16-25/140	16 x 110	95	100	25	180	12.50	14.2
2000116215	2000316215	W M16-100/215	16 x 110	95	100	100	180	12.50	14.2
2000120170	2000320170	W M20-30/170	20 x 130	115	200	30	220	16.60	19.0

*Factor of Safety=3(Tension); 3.00(Shear)

JAM-W A4 Wedge Anchor

20002 Stainless Steel A4 (316)



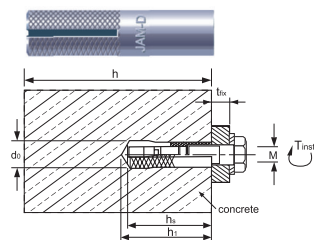
Item No.	Description	Bore x Hole Depth d ₀ x h ₁ (mm)	Setting Depth h _s (mm)	Tightening Torque T _{inst} (Nm)	Fixture Thickness t _{fix} (mm)	Base Material Thickness h (mm)	Recommended Load* Tensile Load (kN)	Shear Load (kN)
2000206065	W M6-10/65 A4	6 x 55	46	8	10	100	1.2	2.0
2000208075	W M8-10/75 A4	8 x 65	55	15	10	100	2.0	3.2
2000208090	W M8-25/90 A4	8 x 65	55	15	25	100	2.0	3.2
2000210070	W M10-10/70 A4	10 x 60	48	30	10	100	3.0	5.0
2000210090	W M10-20/90 A4	10 x 70	58	30	20	100	3.8	6.0
2000210110	W M10-40/110 A4	10 x 70	58	30	40	100	3.8	6.0
2000212090	W M12-5/90 A4	12 x 80	70	50	5	120	6.3	8.0
2000212105	W M12-10/105 A4	12 x 90	80	50	10	150	7.8	9.0
2000212120	W M12-25/120 A4	12 x 90	80	50	25	150	7.8	9.0
2000216100	W M16-5/100 A4	16 x 90	75	100	5	150	6.4	12.0
2000216140	W M16-25/140 A4	16 x 110	95	100	25	180	8.9	13.5

*Factor of Safety=3(Tension); 3.00(Shear)

JAM-D Steel Drop In Anchor

20111 Zinc Plated

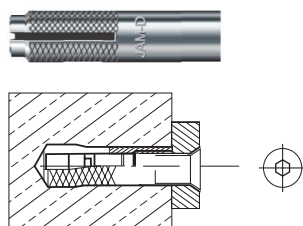
20112 Hot Dip Galvanized



Item No. (Zinc Plated)	Item No. (Hot Dip Galvanized)	Description	Bore x Hole Depth d ₀ x h ₁ (mm)	Setting Depth h _s (mm)	Tightening Torque T _{inst} (Nm)	Base Material Thickness h (mm)	Thread O x Length (mm)	Recommended Load* Tensile Load (kN)	Shear Load (kN)
2011106025	2011206025	D M6 x 25	8 x 28	25	5	100	M6 x 10	1.80	2.00
2011108030	2011208030	D M8 x 30	10 x 33	30	10	100	M8 x 13	3.60	3.00
2011110041	2011210041	D M10 x 40	12.5 x 44	40	20	100	M10 x 15	4.80	4.60
2011112050	2011212050	D M12 x 50	16 x 54	50	40	150	M12 x 18	7.80	8.00
2011116065	2011216065	D M16 x 65	20 x 71	65	70	200	M16 x 23	11.00	12.50
2011120080	2011220080	D M20 x 80	25 x 86	80	150	200	M20 x 34	12.00	18.00

JAM-D A4 Drop In Anchor

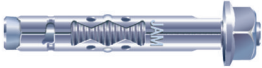
20114 Stainless Steel A4 (316)



Item No.	Description	Bore x Hole Depth d ₀ x h ₁ (mm)	Setting Depth h _s (mm)	Tightening Torque T _{inst} (Nm)	Base Material Thickness h (mm)	Thread O x Length (mm)	Recommended Load* Tensile Load (kN)	Shear Load (kN)
2011406025	D M6 x 25 A4	8 x 28	25	5	100	M6 x 10	1.80	2.00
2011408030	D M8 x 30 A4	10 x 33	30	10	100	M8 x 13	3.60	3.00
2011410040	D M10 x 40 A4	12 x 44	40	20	100	M10 x 15	4.80	4.60
2011412050	D M12 x 50 A4	16 x 54	50	40	150	M12 x 18	7.80	8.00
2011416065	D M16 x 65 A4	20 x 71	65	70	200	M16 x 23	11.00	12.50
2011420080	D M20 x 80 A4	25 x 86	80	150	200	M20 x 34	12.00	18.00

JAM-S Steel Sleeve Anchor

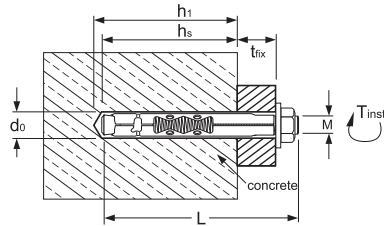
20101 Zinc Plated



Item No.	Description	Hole Diameter d_b (mm)	Thread Size x L (mm)	Min. Setting Depth h (mm)	Tightening Torque T_{inst} (Nm)	Fixture Thickness t_b (mm)	Base Material Thickness (mm)	Recommended Load Tensile Load (kN)	Shear Load (kN)
2010106040	S 8 x 40	8	M6 x 47	32	8	8	80	1.4	2.8
2010108050	S 10 x 50	10	M8 x 60	40	25	10	100	2.3	4.0
2010110060	S 12 x 60	12	M10 x 69	48	40	12	120	2.8	5.9
2010110075	S 12 x 75	12	M10 x 84	48	40	27	150	2.8	5.9

JAM-S A2 Sleeve Anchor

20106 Stainless Steel A2 (304) (ISO 3506-1)

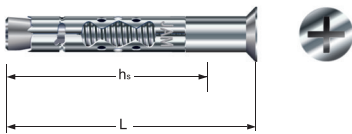


Item No.	Description	Hole Diameter d_b (mm)	Thread Size x L (mm)	Min. Setting Depth h (mm)	Tightening Torque T_{inst} (Nm)	Fixture Thickness t_b (mm)	Base Material Thickness (mm)	Recommended Load Tensile Load (kN)	Shear Load (kN)
2010606040	S 8 x 40 A2	8	M6 x 47	28	8	12	80	1.4	2.8
2010608050	S 10 x 50 A2	10	M8 x 60	32	25	18	100	2.3	4.0
2010610060	S 12 x 60 A2	12	M10 x 69	38	40	22	120	2.3	5.9

*A4 stainless steel on request

JAM-SF A4 Countersunk Head Sleeve Anchor

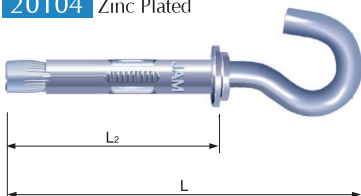
20012 Stainless Steel A4 (316) (ISO 3506-1)



Item No.	Description	Hole Diameter d_b (mm)	Thread Size x L (mm)	Min. Setting Depth h (mm)	Tightening Torque T_{inst} (Nm)	Fixture Thickness t_b (mm)	Base Material Thickness (mm)	Recommended Load Tensile Load (kN)	Shear Load (kN)
2001206045	SF 8 x 45	8	M6 x 45	32	8	13	80	1.3	2.3
2001206060	SF 8 x 60	8	M6 x 60	32	8	28	80	1.3	2.3
2001208060	SF 10 x 60	10	M8 x 60	45	25	15	100	2.3	3.1
2001208085	SF 10 x 85	10	M8 x 85	45	25	40	100	2.3	3.1
2001208110	SF 10 x 110	10	M8 x 110	45	25	65	100	2.3	3.1

JAM-SC Steel Sleeve Anchor

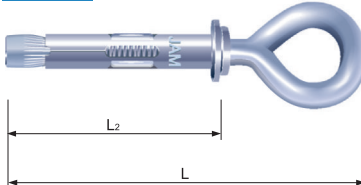
20104 Zinc Plated



Item No.	Description	Bore x Hole Depth $d_b \times h$ (mm)	Thread Size x L (L_2) (mm)	Setting Depth h (mm)	Tightening Torque T_{inst} (Nm)	Fixture Thickness t_b (mm)	Base Material Thickness (mm)	Safe Working Load (kN)
2010406040	SC 8 x 48	8 x 55	M6 x 78 (48)	40	10	0	80	0.20
2010408050	SC 10 x 60	10 x 65	M8 x 100 (60)	50	25	0	100	0.40

JAM-SE Steel Sleeve Anchor

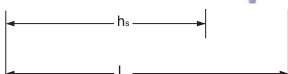
20105 Zinc Plated



Item No.	Description	Bore x Hole Depth $d_b \times h$ (mm)	Thread Size x L (L_2) (mm)	Setting Depth h (mm)	Tightening Torque T_{inst} (Nm)	Fixture Thickness t_b (mm)	Base Material Thickness (mm)	Safe Working Load (kN)
2010506040	SE 8 x 48	8 x 55	M6 x 78 (48)	40	10	0	80	1.6
2010506070	SE 8 x 70	8 x 75	M6 x 100 (70)	40	10	0	80	1.6
2010508050	SE 10 x 60	10 x 65	M8 x 100 (60)	48	25	0	100	2.0
2010508080	SE 10 x 80	10 x 85	M8 x 117 (80)	48	25	0	100	2.0

JAM-SH Steel Sleeve Anchor

20102 Zinc Plated



Item No.	Description	Hole Diameter d_b (mm)	Thread Size x L (mm)	Min. Setting Depth h (mm)	Tightening Torque T_{inst} (Nm)	Fixture Thickness t_b (mm)	Base Material Thickness (mm)	Recommended Load Tensile Load (kN)	Shear Load (kN)
2010206045	SH 8 x 45	8	M6 x 50	38	10	7	100	2.1	3.5
2010206060	SH 8 x 60	8	M6 x 64	44	10	14	100	2.8	3.5
2010208060	SH 10 x 60	10	M8 x 66	48	20	10	100	4.0	4.8
2010208085	SH 10 x 85	10	M8 x 91	48	20	35	100	4.0	4.8
2010208110	SH 10 x 110	10	M8 x 110	48	20	60	100	4.0	4.8
2010210065	SH 12 x 65	12	M10 x 71	54	35	9	120	4.1	7.8
2010210080	SH 12 x 80	12	M10 x 86	61	35	24	120	5.9	7.8
2010210110	SH 12 x 110	12	M10 x 116	61	35	54	120	5.9	7.8
2010212110	SH 16 x 110	16	M12 x 116	76	50	55	150	8.3	9.5