PROFAST®
INDUSTRIAL FASTENING SOLUTIONS

IN-YLF

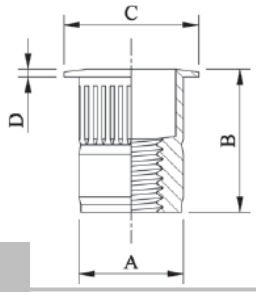
Description

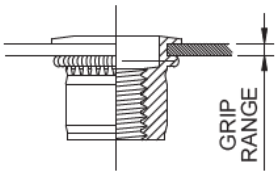
Large flange splined – Steel

Highest resistance to vibration and spin-out of all round bodied inserts. Flange with near flush finish. Very wide grip range. Low torque required to install.

Material	Carbon Steel	JIS G3507
Finish	Clear Zinc	CRIII

Specifications





Dimensions

Part Code	Thread Size	Grip Range	Hole Size +0.1	A +0.05/-0.15	B ±0.25	C ±0.25	D ±0.1
IN-YLF04-2.0	M4 x 0.7	0.5 – 2.0	6.75	6.70	11.45	9.90	0.75
IN-YLF04-L	M4 x 0.7	2.0 – 3.3	6.75	6.70	12.70	9.90	0.75
IN-YLF05-3.3	M5 x 0.8	0.5 – 3.3	7.60	7.50	12.85	10.55	0.75
IN-YLF05-L	M5 x 0.8	3.3 – 5.7	7.60	7.50	15.50	10.55	0.75
IN-YLF06-4.2	M6 x 1.0	0.7 – 4.2	10.00	9.90	15.50	12.70	0.75
IN-YLF06-L	M6 x 1.0	4.2 – 6.6	10.00	9.90	18.00	12.70	0.75
IN-YLF08-3.8	M8 x 1.25	0.7 – 3.8	13.50	13.45	18.40	17.40	0.90
IN-YLF08-L	M8 x 1.25	3.8 – 7.9	13.50	13.45	21.35	17.40	0.90
IN-YLF10-3.8	M10 x 1.50	0.7 – 3.8	13.50	13.45	18.40	17.40	0.90
IN-YLF10-L	M10 x 1.50	3.8 – 7.9	13.50	13.45	21.20	17.40	0.90
IN-YLF12-4.0*	M12 x 1.75	1.0 – 4.0	16.00	16.00	25.20	21.70	2.00
IN-YLF12-5.1	M12 X 1.75	1.6 – 5.1	17.45	17.40	30.40	22.00	1.20
IN-YLF12-8.9	M12 X 1.75	5.1 – 8.9	17.45	17.40	34.20	22.00	1.20
IN-YLF12-12.7	M12 x 1.75	8.9 – 12.7	17.45	17.40	38.00	22.00	1.20
IN-YLF420-165	1/4”	0.7 – 4.2	10.00	9.90	15.50	12.70	0.75
IN-YLF420-260	1/4”	4.2 – 6.6	10.00	9.90	18.00	12.70	0.75
IN-YLF518-150	5/16”	0.7 – 3.8	13.50	13.45	18.40	17.40	0.90
IN-YLF518-312	5/16”	3.8 – 7.9	13.50	13.45	21.35	17.40	0.90
IN-YLF616-150	3/8”	0.7 – 3.8	13.50	13.45	18.40	17.40	0.90
IN-YLF616-312	3/8”	3.8 – 7.9	13.50	13.45	21.20	17.40	0.90

Thread Size	Pull-Out KN	Push-Out KN	Ultimate Torque Nm
M4 x 0.7	6.80	2.90/1.96	5.80
M5 x 0.8	7.80	2.90	9.80
M6 x 1.0/1/4”	12.70/10.80	3.90	19.60
M8 x 1.25/5/16”	21.50	6.80	29.40
M10 x 1.50/3/8”	21.50/22.55	6.80	58.80
M12 x 1.75 *only	33.34	10.39	Beyond test capacity of 98Nm

Dimensions and specifications are subject to change without notice.
Check you distributor for the latest data sheet

As this data is based on multiple tests in various thicknesses we recommend testing the fastener in your application when an exact strength figure is required, or the load to be applied comes close to the published data

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