

History

The E-Klips® spring steel fasteners range has been manufactured in the UK for over 25 years. Formerly known as Furse Fastway they offer a quick, easy and reliable method of fixing services to steelwork without the need for bracket making, drilling holes or the use of nuts and bolts.

Previously sold under the Furse Fastway brand, the E-Klips® electrical and mechanical fixing systems have now been integrated into the Thomas & Betts product portfolio.

Applications

E-Klips® spring steel fasteners range provides a fixing for almost every application including:

- Cables
- Trunking
- Cable tray
- Conduit
- Pipework
- Ducting
- Light fittings
- Suspended ceilings

Reduced installation

Every E-Klips® spring steel fastener has been developed to reduce installation time. They are easy to install using a hammer, screwdriver, spanner or pliers.



Quality Assurance

E-Klips® is registered for BS EN ISO 9001 and has a comprehensive test and inspection programme so that all products comply with our specifications, whether they are of our own manufacture or from a quality approved source. This is to ensure that all order requirements are met. Any further details required on quality are available on request.



Protection against corrosion

The majority of E-Klips spring steel fasteners are zinc coated. The clips have a zinc silver coloured sacrificial coating which deposits two layers of zinc and an application of a waterproof topcoat. This gives a high level of protection against first white corrosion and then red rust according to ASTM-B695-90 or equivalent. The corrosion resistance is measured by a salt spray test conforming to ASTM-B-117-90, DIN 50021 or equivalent. E-Klips zinc plated products are salt spray rated to a minimum of 600 hours and are coded F8+.



Key to finishes and applications:

- F1 Electroplated zinc finish, generally 8-12 microns thick with chromate coating, approximately 72 hours salt spray resistance ASTM-B117-90, DIN 50021, suitable for indoor, non-corrosive environments.
- F2 Galvanised, generally hot dipped to a thickness of 50-70 microns, suitable for indoor and outdoor, humid and mildly corrosive environments.
- F3 Stainless steel, suitable for indoor and outdoor and mildly corrosive environments.
- F4 Painted finish to compliment indoor applications.
- F5 Black phosphate finish in accordance with BS3189 Class 1 suitable to achieve 72 hours salt spray rating for indoor, non-corrosive environments.
- F6 Self colour, unfinished and unprotected product for indoor applications.
- F7 Flexible plastic coating with good chemical and corrosion resistance to protect the base material.
- F8+ Zinc silver coloured sacrificial coating (Z600+), enhanced by an application of waterproof topcoat giving a corrosion resistance of more than 600 hours, for use in indoor and outdoor humid and mildly corrosive environments. Coating is completely chromium free.

F.M.R.C. Approval



F.M. approval indicates that the product has been tested and approved by the Factory Mutual Research Corporation (F.M.R.C.) for use in buildings where fire regulations and environmental concerns would apply.



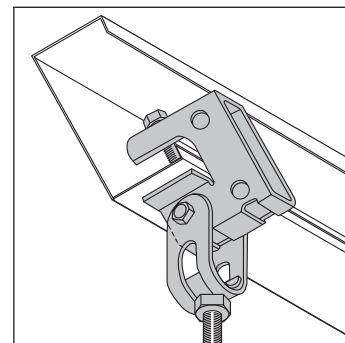
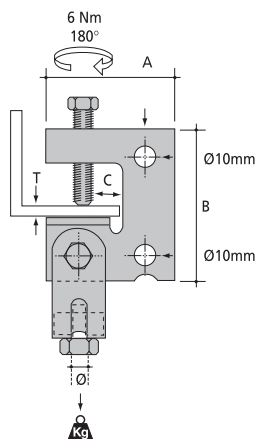
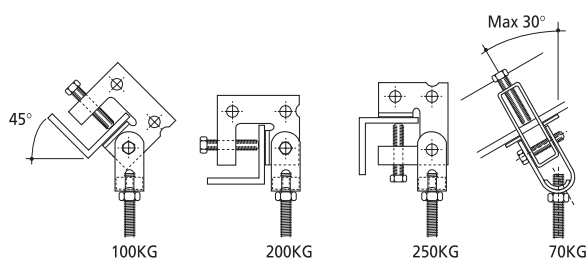
Load Rating

The load rating of E-Klips® fasteners is expressed as a maximum static load limit. This is the stationary vertical load limit for a fixing product and incorporates a significant safety factor. Where fasteners are combined, the load rating is determined by the lowest rated fastener. If the load rating of the steel work is less than that of the fastener, this becomes the maximum static load rating for the system. For further information please contact the sales office.

Materials

E-Klips® products are manufactured using steel in accordance to BSEN1449 - part 1.15 CS70. Furthermore products are annealed and oiled.

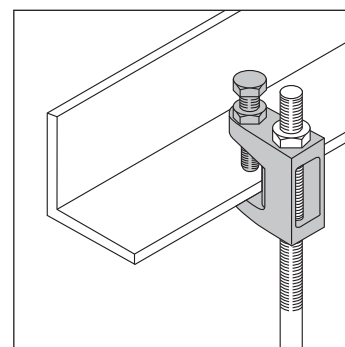
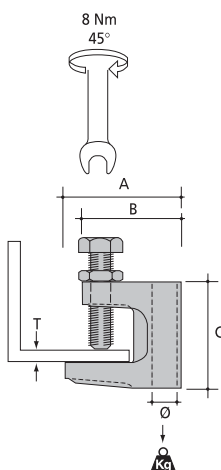
All components are hardened and austempered using the shaker hearth furnace method to give a final hardness reading of 400-450 HV-10 Vickers.



Ordering Information

PRODUCT REF.	T [mm]	Ø	A [mm]	B [mm]	C [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
SRH	Max 25	M10	71	60	12	200	F8+	10

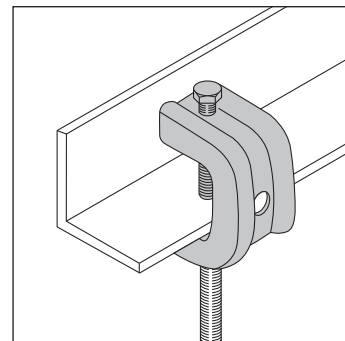
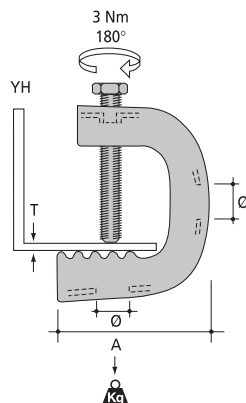
Girder clamps for threaded rod



Ordering Information

PRODUCT REF.	T [mm]	Ø [mm]	A [mm]	B [mm]	C [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
FC-7	Max 19	7	50	42	45	235	F1	25
FC-9	Max 19	9	50	42	45	235	F1	25
FC-11	Max 19	11	50	42	45	235	F1	25
FC-13	Max 23	13	59	49	54	300	F1	25
FC-17	Max 28	17	58	55	58	500	F1	25
FC-6T	Max 19	M6	50	42	45	235	F1	25
FC-8T	Max 19	M8	50	42	45	235	F1	25
FC-10T	Max 19	M10	50	42	45	235	F1	25
FC-12T	Max 23	M12	59	49	54	300	F1	25
FC-16T	Max 28	M16	58	55	58	500	F1	25

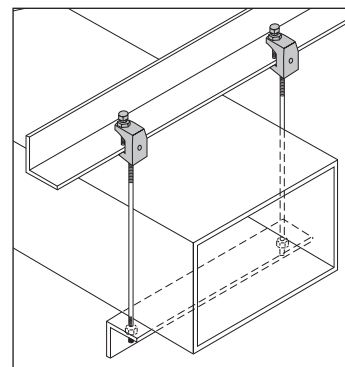
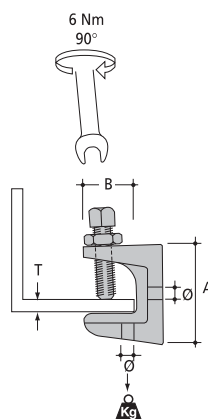
* See page 126 for description



Ordering Information

PRODUCT REF.	T [mm]	Ø [mm]	A [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
YH-1021	10-21	14	47	110	F2	25
YH-1533	15-33	14	60	110	F2	25
YH-3247	32-47	14	70	110	F2	25
SSYH-1021	10-21	14	47	110	F3	25
SSYH-1533	15-33	14	60	110	F3	25
SSYH-3247	32-47	14	70	110	F3	25

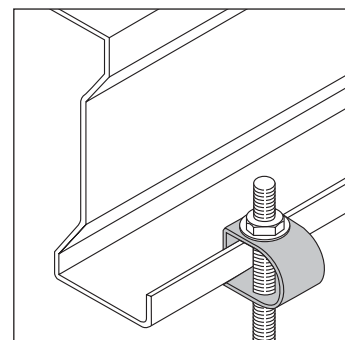
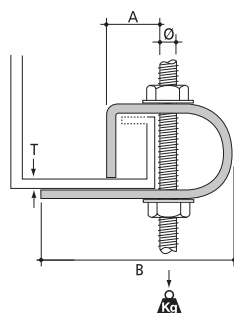
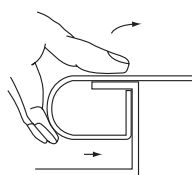
Girder clamps for threaded rod



Ordering Information

PRODUCT REF.	T [mm]	Ø	A [mm]	B [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
BH-6T	Max 18	M6	40	22	60	F1	25
BH-8T	Max 18	M8	40	22	60	F1	25
BH-10T	Max 18	M10	40	22	60	F1	25

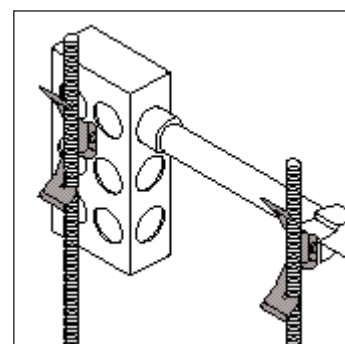
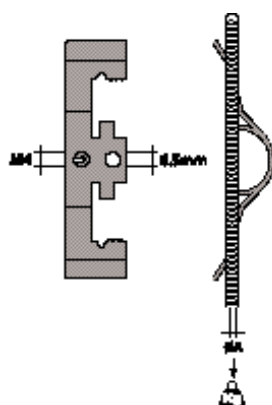
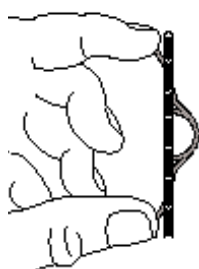
* See page 126 for description



Ordering Information

PRODUCT REF.	T [mm]	Ø [mm]	A [mm]	B [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
PD	≤4	12	15	85	40	F2	50

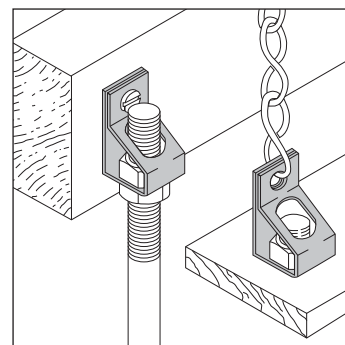
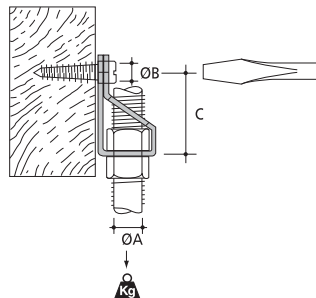
Rod



Ordering Information

PRODUCT REF.	ØA	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
FM-313T	M6/M8/M10	10	F8+	100
FM-320T	M6/M8/M10	10	F8+	100

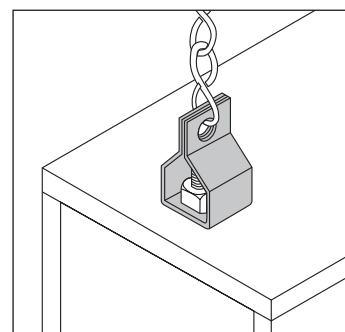
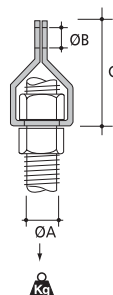
* See page 126 for description



Ordering Information

PRODUCT REF.	ØA [mm]	ØB [mm]	C [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
AM-127	12.7	6.5	28	68	F8+	100
AM-6T	M6	6.5	28	68	F8+	100
AM-8T	M8	6.5	28	68	F8+	100
AM-10T	M10	6.5	28	68	F8+	100

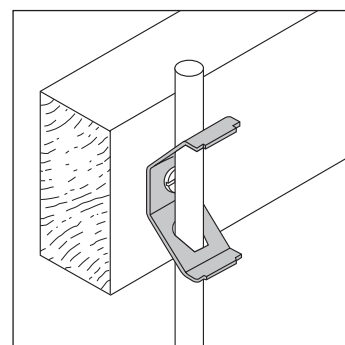
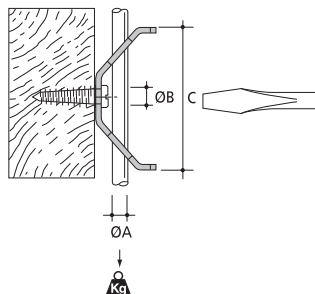
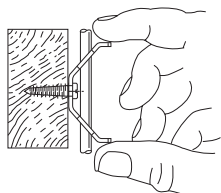
Rod



Ordering Information

PRODUCT REF.	ØA [mm]	ØB [mm]	C [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
YM-127	12.7	6.5	30	90	F8+	100

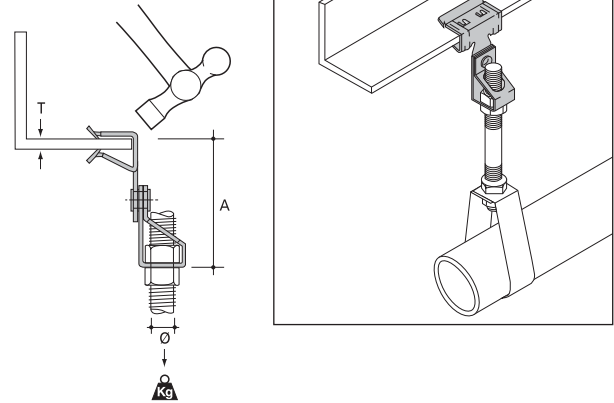
Rod



Ordering Information

PRODUCT REF.	ØA [mm]	ØB [mm]	C [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
BM-4	4/M4	6.5	45	90	F8+	100
BM-6	6/M6	6.5	45	90	F8+	100
BM-8	8/M8	6.5	45	90	F8+	100
BM-10	10/M10	6.5	45	90	F8+	100

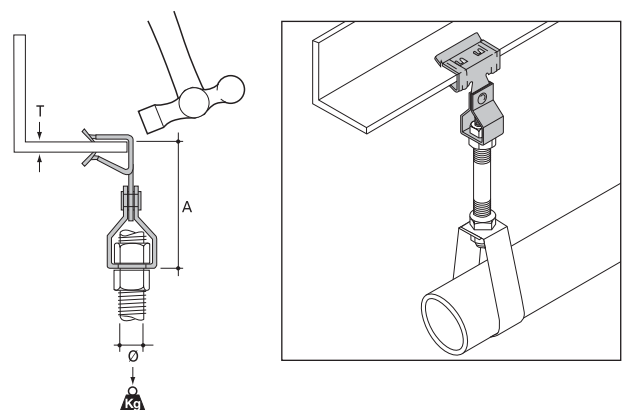
* See page 126 for description



Ordering Information

PRODUCT REF.	T [mm]	Ø [mm]	A [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
AH153-AM127	1.5-3	12.7	44	68	F8+	25
AH38-AM127	3-8	12.7	46	68	F8+	25
AH814-AM127	8-14	12.7	54	68	F8+	25
AH1420-AM127	14-20	12.7	66	68	F8+	25
AH153-AM6T	1.5-3	M6	44	68	F8+	25
AH38-AM6T	3-8	M6	46	68	F8+	25
AH814-AM6T	8-14	M6	54	68	F8+	25
AH1420-AM6T	14-20	M6	66	68	F8+	25
AH153-AM8T	1.5-3	M8	44	68	F8+	25
AH38-AM8T	3-8	M8	46	68	F8+	25
AH814-AM8T	8-14	M8	54	68	F8+	25
AH1420-AM8T	14-20	M8	66	68	F8+	25
AH153-AM10T	1.5-3	M10	44	68	F8+	25
AH38-AM10T	3-8	M10	46	68	F8+	25
AH814-AM10T	8-14	M10	54	68	F8+	25
AH1420-AM10T	14-20	M10	66	68	F8+	25

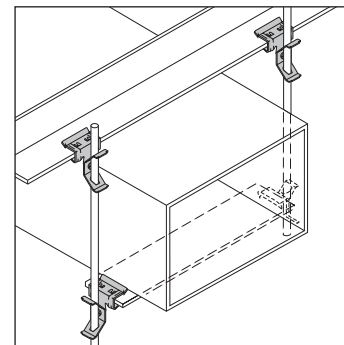
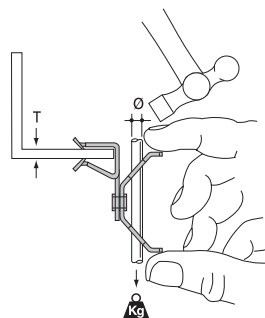
Girder clips for hanging threaded rod



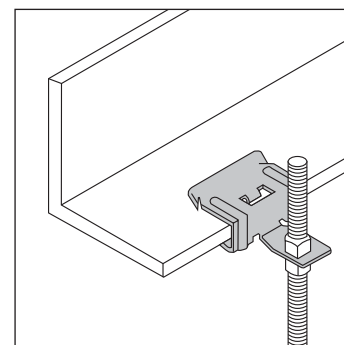
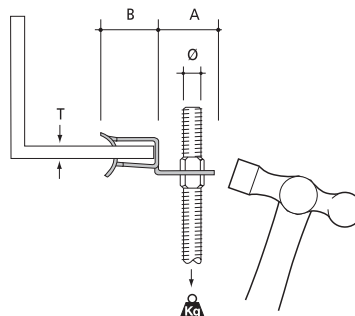
Ordering Information

PRODUCT REF.	T [mm]	Ø [mm]	A [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
AH153-YM127	1.5-3	12.7	48	72	F8+	25
AH38-YM127	3-8	12.7	48	90	F8+	25
AH814-YM127	8-14	12.7	56	90	F8+	25
AH1420-YM127	14-20	12.7	70	90	F8+	25

* See page 126 for description

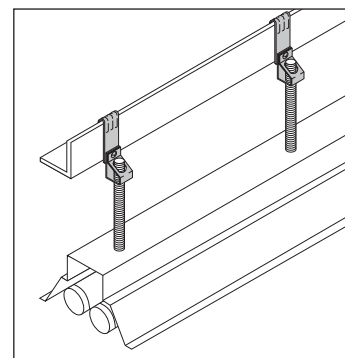
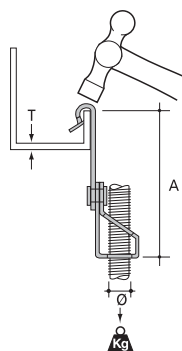
Ordering Information

PRODUCT REF.	T [mm]	Ø [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
AH153-BM4	1.5-3	4/M4	72	F8+	25
AH38-BM4	3-8	4/M4	90	F8+	25
AH814-BM4	8-14	4/M4	90	F8+	25
AH1420-BM4	14-20	4/M4	90	F8+	25
AH153-BM6	1.5-3	6/M6	72	F8+	25
AH38-BM6	3-8	6/M6	90	F8+	25
AH814-BM6	8-14	6/M6	90	F8+	25
AH1420-BM6	14-20	6/M6	90	F8+	25
AH153-BM8	1.5-3	8/M8	72	F8+	25
AH38-BM8	3-8	8/M8	90	F8+	25
AH814-BM8	8-14	8/M8	90	F8+	25
AH1420-BM8	14-20	8/M8	90	F8+	25
AH153-BM10	1.5-3	10/M10	72	F8+	25
AH38-BM10	3-8	10/M10	90	F8+	25
AH814-BM10	8-14	10/M10	90	F8+	25
AH1420-BM10	14-20	10/M10	90	F8+	25

Girder clips for hanging threaded rodOrdering Information

PRODUCT REF.	T [mm]	Ø [mm]	A [mm]	B [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
AHB-153	1.5-3	6.5	22	12.5	20	F8+	100
AHB-38	3-8	6.5	25	20.3	20	F8+	100
AHB-814	8-14	6.5	26	20.3	20	F8+	100
AHB-1420	14-20	6.5	27	26.6	20	F8+	100

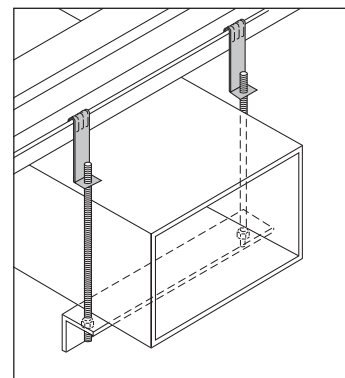
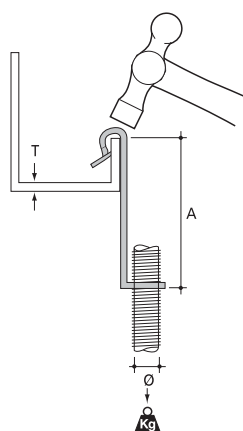
* See page 126 for description



Ordering Information

PRODUCT REF.	T [mm]	Ø [mm]	A [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
AV155-AM127	1.5-5	12.7	70	68	F8+	25
AV155-AM6T	1.5-5	M6	70	68	F8+	25
AV155-AM8T	1.5-5	M8	70	68	F8+	25
AV155-AM10T	1.5-5	M10	70	68	F8+	25
AV57-AM127	5-7	12.7	70	68	F8+	25
AV57-AM6T	5-7	M6	70	68	F8+	25
AV57-AM8T	5-7	M8	70	68	F8+	25
AV57-AM10T	5-7	M10	70	68	F8+	25

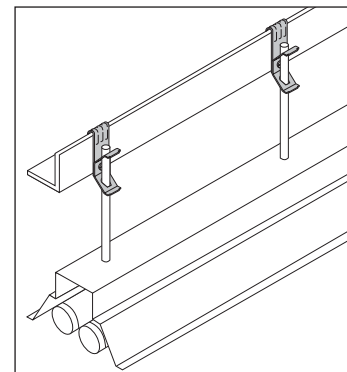
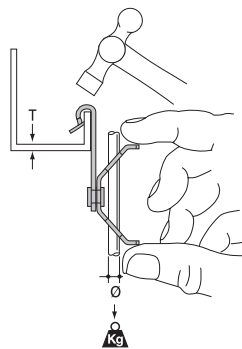
Purlin clips for hanging threaded rod



Ordering Information

PRODUCT REF.	T [mm]	Ø [mm]	A [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
AVB-6T	1.5-5	M6	34	20	F8+	100
AVB-8T	1.5-5	M8	34	20	F8+	100

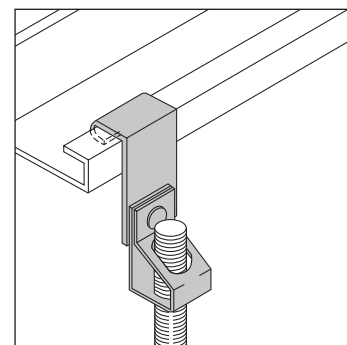
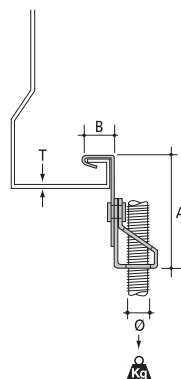
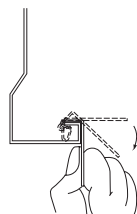
* See page 126 for description



Ordering Information

PRODUCT REF.	T [mm]	Ø [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
AV155-BM4	1.5-5	4/M4	72	F8+	25
AV155-BM6	1.5-5	6/M6	72	F8+	25
AV155-BM8	1.5-5	8/M8	72	F8+	25
AV155-BM10	1.5-5	10/M10	72	F8+	25
AV57-BM4	5-7	4/M4	72	F8+	25
AV57-BM6	5-7	6/M6	72	F8+	25
AV57-BM8	5-7	8/M8	72	F8+	25
AV57-BM10	5-7	10/M10	72	F8+	25

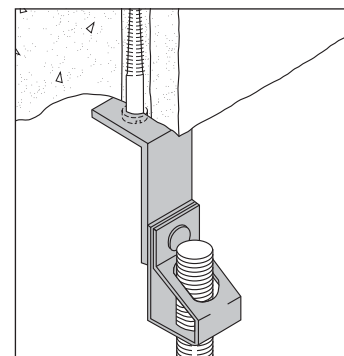
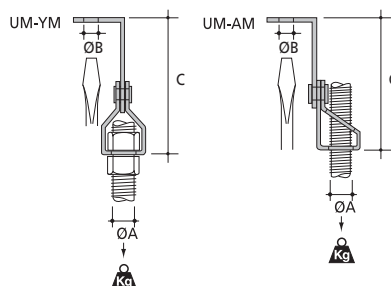
Purlin clips for hanging threaded rod



Ordering Information

PRODUCT REF.	T [mm]	Ø [mm]	A [mm]	B [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
SM125-AM127	≤3.0	12.7	65	12.5	20	F2	25
SM125-AM6T	≤3.0	M6	65	12.5	20	F2	25
SM125-AM8T	≤3.0	M8	65	12.5	20	F2	25
SM125-AM10T	≤3.0	M10	65	12.5	20	F2	25

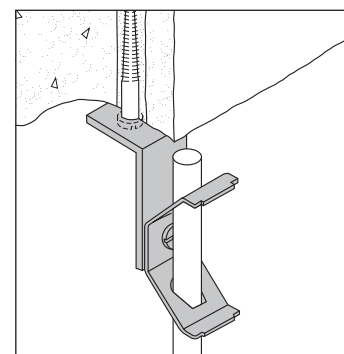
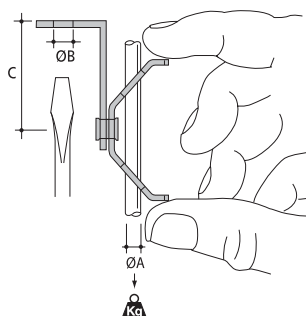
* See page 126 for description



Ordering Information

PRODUCT REF.	ØA [mm]	ØB [mm]	C [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
UM44-AM6T	M6	6.5	69	68	F8+	25
UM44-AM8T	M8	6.5	69	68	F8+	25
UM44-AM10T	M10	6.5	69	68	F8+	25
UM44-AM127	12.7	6.5	69	68	F8+	25
UM44-YM127	12.7	6.5	71	90	F8+	25

Fastening clips for rod

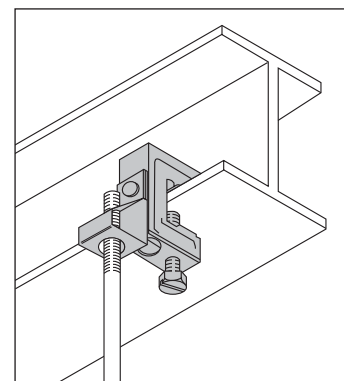
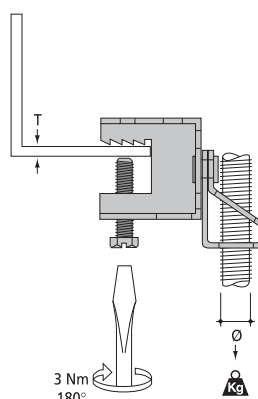


Ordering Information

PRODUCT REF.	ØA [mm]	ØB [mm]	C [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
UM44-BM4	4/M4	6.5	39	90	F8+	25
UM44-BM6	6/M6	6.5	39	90	F8+	25
UM44-BM8	8/M8	6.5	39	90	F8+	25
UM44-BM10	10/M10	6.5	39	90	F8+	25

* See page 126 for description

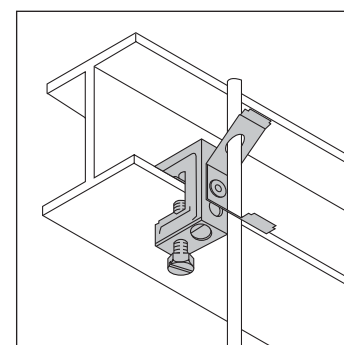
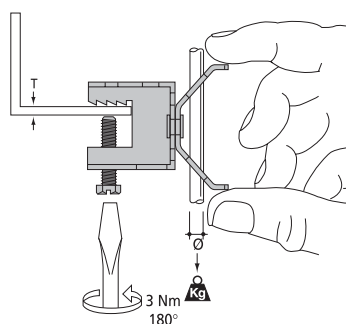
Girder clamps for hanging threaded rod



Ordering Information

PRODUCT REF.	T [mm]	Ø [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
FH107-AM127	Max 18	12.7	45	F8+	25
FH107-AM6T	Max 18	M6	45	F8+	25
FH107-AM8T	Max 18	M8	45	F8+	25
FH107-AM10T	Max 18	M10	45	F8+	25

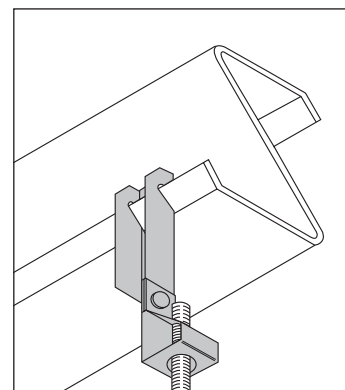
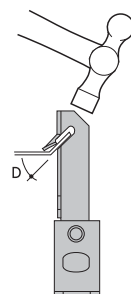
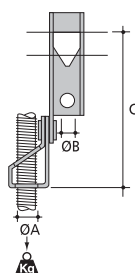
Girder clamps for hanging rod



Ordering Information

PRODUCT REF.	T [mm]	Ø [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
FH107-BM4	Max 18	4/M4	45	F8+	25
FH107-BM6	Max 18	6/M6	45	F8+	25
FH107-BM8	Max 18	8/M8	45	F8+	25
FH107-BM10	Max 18	10/M10	45	F8+	25

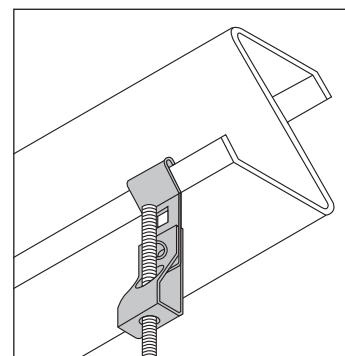
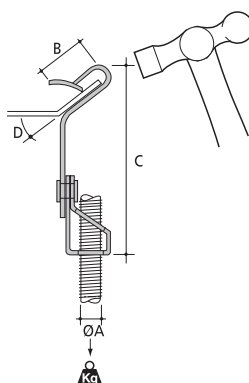
* See page 126 for description



Ordering Information

PRODUCT REF.	ØA [mm]	ØB [mm]	C [mm]	D	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
VM03-AM127	12.7	6.5	77	45°	45	F8+	25
VM03-AM6T	M6	6.5	77	45°	45	F8+	25
VM03-AM8T	M8	6.5	77	45°	45	F8+	25
VM03-AM10T	M10	6.5	77	45°	45	F8+	25

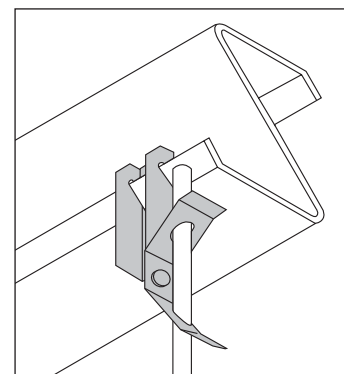
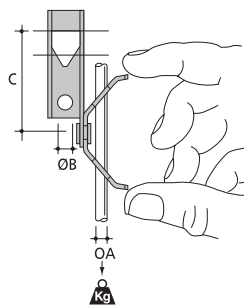
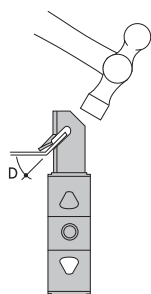
Purlin clips for hanging threaded rod



Ordering Information

PRODUCT REF.	ØA [mm]	B [mm]	C [mm]	D	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
RM055-AM127	12.7	15	77	45°	45	F8+	25
RM055-AM6T	M6	15	77	45°	45	F8+	25
RM055-AM8T	M8	15	77	45°	45	F8+	25
RM055-AM10T	M10	15	77	45°	45	F8+	25

* See page 126 for description



Ordering Information

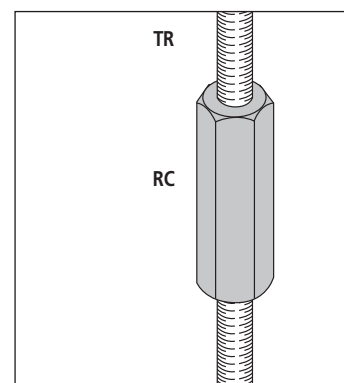
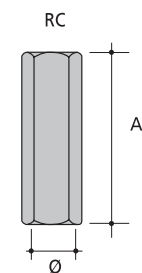
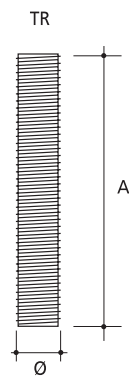
PRODUCT REF.	ØA [mm]	ØB [mm]	C [mm]	D	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
VM03-BM4	4/M4	6.5	48	45°	45	F8+	25
VM03-BM6	6/M6	6.5	48	45°	45	F8+	25
VM03-BM8	8/M8	6.5	48	45°	45	F8+	25
VM03-BM10	10/M10	6.5	48	45°	45	F8+	25

Rod connectors

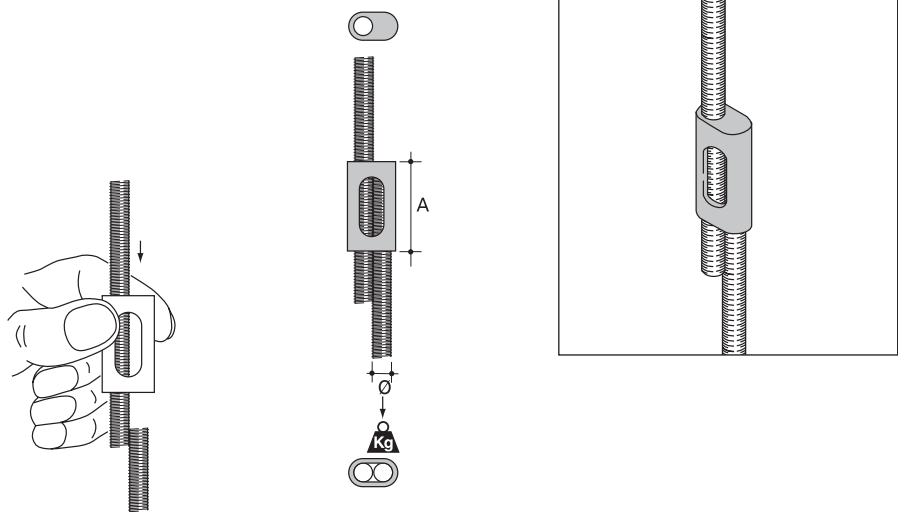
Ordering Information

PRODUCT REF.	Ø [mm]	A [m]	MATERIAL FINISHES*	QUANTITY [pieces]
TR6M1	M6	1	F1	1
TR6M2	M6	2	F1	1
TR6M3	M6	3	F1	1
TR8M1	M8	1	F1	1
TR8M2	M8	2	F1	1
TR8M3	M8	3	F1	1
TR10M1	M10	1	F1	1
TR10M2	M10	2	F1	1
TR10M3	M10	3	F1	1
TR12M1	M12	1	F1	1
TR12M2	M12	2	F1	1
TR12M3	M12	3	F1	1

PRODUCT REF.	Ø [mm]	A [mm]	MATERIAL FINISHES*	QUANTITY [pieces]
RC6-FU	M6	18	F1	25
RC8-FU	M8	24	F1	25
RC10-FU	M10	30	F1	25
RC12-FU	M12	36	F1	25



* See page 126 for description



Ordering Information

PRODUCT REF.	Ø	A [mm]	LOAD RATING [kg]	MATERIAL FINISHES*	QUANTITY [pieces]
TL6	M6	35	160	F2	25
TL8	M8	35	160	F2	25
TL10	M10	35	300	F2	25

* See page 126 for description