

ES-DR



ES-DA2



ES-DA4



AB-TA



AB-TA B



AB-TA A2



AB-TG



PF-ZN



PF-A4



AB-TR



AB-FP



AB-FC



TM-VR

CHARACTERISTICS

- Versatility of metrics, components and coverings.
- Connecting Sleeves of rods for large applications (malls, shops, etc.).
- Different ceiling fixing solutions: Double threaded studs, clamping screw, conical and flat rosettes ...
- Finished in galvanized, bichromated and stainless (according to each element).

BASE MATERIAL EXAMPLES





1.RANGE

ITEM	DENOMINATION	PHOTO	MATERIAL	COATING	
1	**ES-DR**		Steel SAE J403 1008	C1 ZINC	Zinc plated ≥5µm ISO 4042 A2J
2	**ES-DA2**		Steel A2-70 UNE-EN ISO 3506-1	C3 A2 INOX AISI 304	Steel A2-70
3	**ES-DA4**		Steel A4-70 UNE-EN ISO 3506-1	C4 A4 INOX AISI 316	Steel A4-70
4	**AB-TA**		Steel class 5.6 ISO 898-1	C1 ZINC	Zinc plated ≥5µm ISO 4042 A2J
5	**AB-TA B**		Steel class 5.6 ISO 898-1	C2 B YELLOW	Yellow zinc plated ≥5µm ISO 4042 A2J
6	**AB-TA A2**		Steel A2-70 UNE-EN ISO 3506-1	C3 A2 INOX AISI 304	Steel A2-70
7	**AB-TG**		Stel SAE J403 1023	C1 ZINC	Zinc plated ≥5µm ISO 4042 A2J
8	**PF-ZN**		Steel S235R	C1 ZINC	Zinc plated ≥5µm ISO 4042 A2J
9	**PF-A4**		Steel A4-70 UNE-EN ISO 3506-1	C4 A4 INOX AISI 316	Steel A4-70
10	**AB-TR**		Steel C1008	C1 ZINC	Zinc-plated ≥5µm ISO 4042 A2J
11	**AB-FP**		Steel C1008	C1 ZINC	Zinc-plated ≥5µm ISO 4042 A2J
12	**AB-FC**		Steel C1008	C1 ZINC	Zinc-plated ≥5µm ISO 4042 A2J
13	**TM-VR**		Acero C1008	C1 ZINC	Zinc-plated ≥5µm ISO 4042 A2J*

*TMVR07065 in B YELLOW Zinc-plated ≥5µm ISO 4042 A2J

2. INSTALLATION DATA

2.1 ES-DR — Zinc plated Double threaded screw

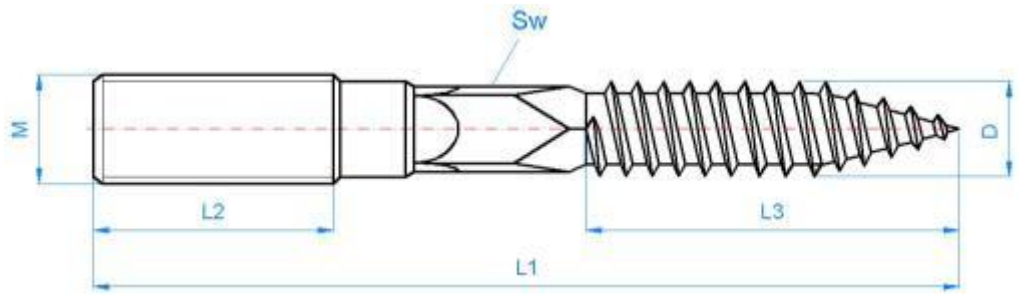


Properties	
Steel	Zinc Plated coating

Sizes

CODe	ØM	L1	ØD	L2	L3	SW	Recess
ESDR06040	M6	38,5 ÷ 40,5	5,5 ÷ 6,1	8 ÷ 13	23 ÷ 31	--	Hexalobular Tx15
ESDR06050		48,5 ÷ 50,5		15 ÷ 20	27 ÷ 31		
ESDR06060		58 ÷ 61		17 ÷ 25	28 ÷ 36		
ESDR06070		68 ÷ 71		25 ÷ 27	33 ÷ 36		
ESDR06080		78 ÷ 81		33 ÷ 35			
ESDR08050	M8	48,5 ÷ 51,25	6,7 ÷ 7,4	10 ÷ 15,5	23,25 ÷ 31	--	Hexalobular Tx25
ESDR08060		58,5 ÷ 61,5		17,5 ÷ 22,5	28 ÷ 41,25		
ESDR08070		68,5 ÷ 71,5		18 ÷ 27,5	38 ÷ 41,25		
ESDR08080		78 ÷ 81,5		27,5 ÷ 32,5		5,7 ÷ 6,00	
ESDR08090		88 ÷ 91,75		27,5 ÷ 41	38 ÷ 51		
ESDR08100		98 ÷ 101,75		37,5 ÷ 41	44,75 ÷ 51		
ESDR08110		108 ÷ 111,75		48 ÷ 52	46 ÷ 51		
ESDR08120		118 ÷ 121,75					
ESDR08130		128 ÷ 131					
ESDR08140		138 ÷ 141					
ESDR08160		158 ÷ 161					
ESDR08180		178 ÷ 181					
ESDR10080	M10	78 ÷ 81,5	8,7 ÷ 9,4	15 ÷ 33	38,75 ÷ 48	7,7 ÷ 8,00	
ESDR10100		98 ÷ 101,75		23 ÷ 33	55 ÷ 61,5		
ESDR10110		108 ÷ 111,75		33 ÷ 50			
ESDR10120		118 ÷ 121,75					
ESDR10130		128 ÷ 131		43 ÷ 53			
ESDR10140		138 ÷ 142					
ESDR10150		148 ÷ 152					
ESDR10180		178 ÷ 182					
ESDR10200		198 ÷ 202,3					

DRAWING



2.2 ES-DA2

Stainless double threaded screw



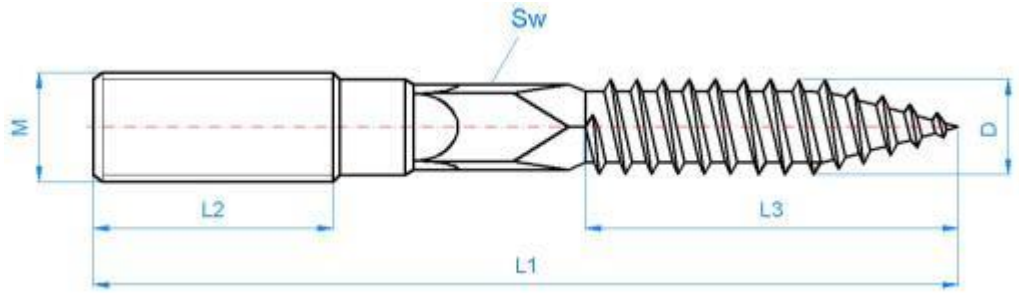
Properties

Stainless Steel A2

Sizes

CODE	ØM	L1	ØD	L2	L3	SW	Recess
ESDA208060	M8	58,5 ÷ 61,5	6,90 ÷ 7,20	17,5 ÷ 22,5	28,95 ÷ 31,05	5,85 ÷ 6,00	--
ESDA208080		78,0 ÷ 81,0		8,90÷ 9,20	38,00 ÷ 41,00		
ESDA208100		98,0 ÷ 101,0		38,0 ÷ 41,0	48,00 ÷ 51,00		
ESDA208120		118,0 ÷ 121,0		48,0 ÷ 51,0	48,00 ÷ 51,00		
ESDA210060	M10	58,5 ÷ 61,5	8,90÷ 9,20	17,5 ÷ 22,5	28,95 ÷ 31,05	7,85 ÷ 8,00	
ESDA210080		78,0 ÷ 81,0		28,0 ÷ 31,0	38,00 ÷ 41,00		
ESDA210100		98,0 ÷ 101,0		38,0 ÷ 41,0	48,00 ÷ 51,00		
ESDA210120		118,0 ÷ 121,0		48,0 ÷ 51,0	48,00 ÷ 51,00		

DRAWING



2.3 ES-DA4

Stainless double threaded screw



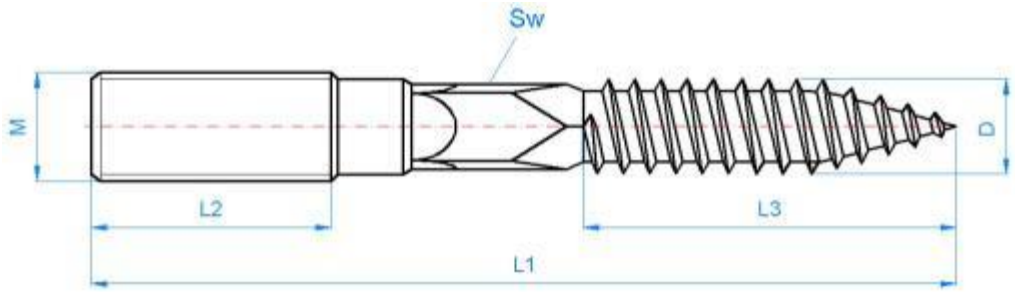
Properties

Stainless Steel A4

Sizes

CODE	ØM	L1	ØD	L2	L3	SW	Recess
ESDA208060	M8	58,5 ÷ 61,5	6,90 ÷ 7,20	17,5 ÷ 22,5	28,95 ÷ 31,05	5,85 ÷ 6,00	--
ESDA408080		78,0 ÷ 81,0		28,0 ÷ 31,0	38,00 ÷ 41,00		
ESDA408100		98,0 ÷ 101,0		38,0 ÷ 41,0	48,00 ÷ 51,00		
ESDA408120		118,0 ÷ 121,0		48,0 ÷ 51,0	48,00 ÷ 51,00		
ESDA210060	M10	58,5 ÷ 61,5	8,90÷ 9,20	17,5 ÷ 22,5	28,95 ÷ 31,05	7,85 ÷ 8,00	
ESDA410080		78,0 ÷ 81,0		28,0 ÷ 31,0	38,00 ÷ 41,00		
ESDA410100		98,0 ÷ 101,0		38,0 ÷ 41,0	48,00 ÷ 51,00		
ESDA410120		118,0 ÷ 121,0		48,0 ÷ 51,0	48,00 ÷ 51,00		

DRAWING



2.4 AB-TA

Threaded screws for clamps



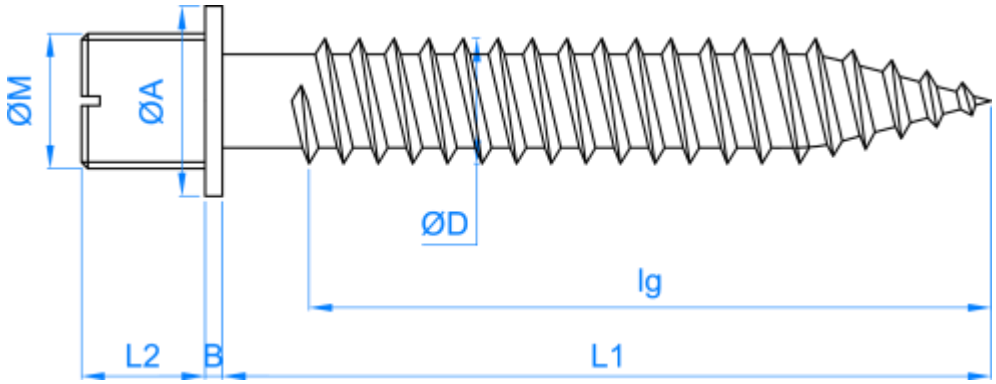
Properties

Steel	Zin Plated coating	Flat recess

Sizes

CODE	ØM	L1	ØD	L2	B	ØA	lg
ABTA0630	M6	28,95 ÷ 31,05	4,85 ÷ 5,15	5,8 ÷ 6,2	0,9 ÷ 1,1	8,0 ÷ 8,2	Full threaded
ABTA0640		38,75 ÷ 41,25					
ABTA0650		48,75 ÷ 51,25					
ABTA0730	M7	21÷23	5,5÷6,1	5,8 ÷ 6,2	0,8÷1,2	9,0÷10,0	Full threaded
ABTA0740		31÷33					
ABTA0750		41÷43					
ABTA0760		51÷53					45
ABTA0770		61÷63					
ABTA0780		71÷73					
ABTA0840	M8	38,75 ÷ 41,25	5,85 ÷ 6,15	7,3 ÷ 7,7	1,3 ÷ 1,5	8,0 ÷ 8,3	Full threaded
ABTA0860		58,50 ÷ 61,50					
ABTA0880		78,50 ÷ 81,50					45
ABTA1050	M10	48,50 ÷ 51,50	6,85 ÷ 7,15	8,8 ÷ 9,2	1,6 ÷ 1,8	12,0 ÷ 12,2	Full threaded
ABTA1070		68,50 ÷ 71,50					45
ABTA1090		**88,25 ÷ 91,75**					

DRAWING



2.5 AB-TA B

Yellow zinc-plated threaded screws for clamps



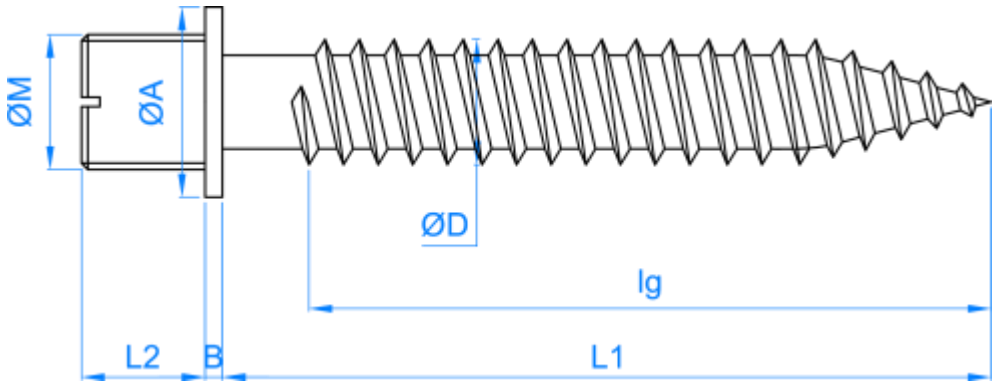
Properties

Steel	Yellow zinc plated coating	Flat recess

Sizes

CODE	ØM	L1	ØD	L2	B	ØA	lg
ABTA0630	M6	28,95 ÷ 31,05	4,85 ÷ 5,15	5,8 ÷ 6,2	0,9 ÷ 1,1	8,0 ÷ 8,2	Full threaded
ABTA0640		38,75 ÷ 41,25					
ABTA0650		48,75 ÷ 51,25					

DRAWING



2.6 AB-TA A2

Stainless threaded screw for clamps



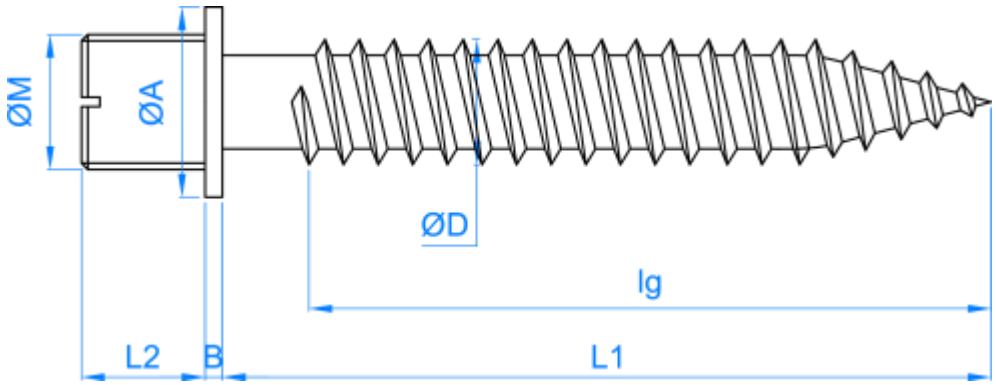
Properties

Stainless Steel A2	Flat recess

Sizes

CODE	ØM	L1	ØD	L2	B	ØA	lg
ABTA20630	M6	28,95 ÷ 31,05	4,70 ÷ 5,20	6,8 ÷ 7,2	1,2	7,8	Full threaded

DRAWING



2. AB-TG

Threaded screws for clips

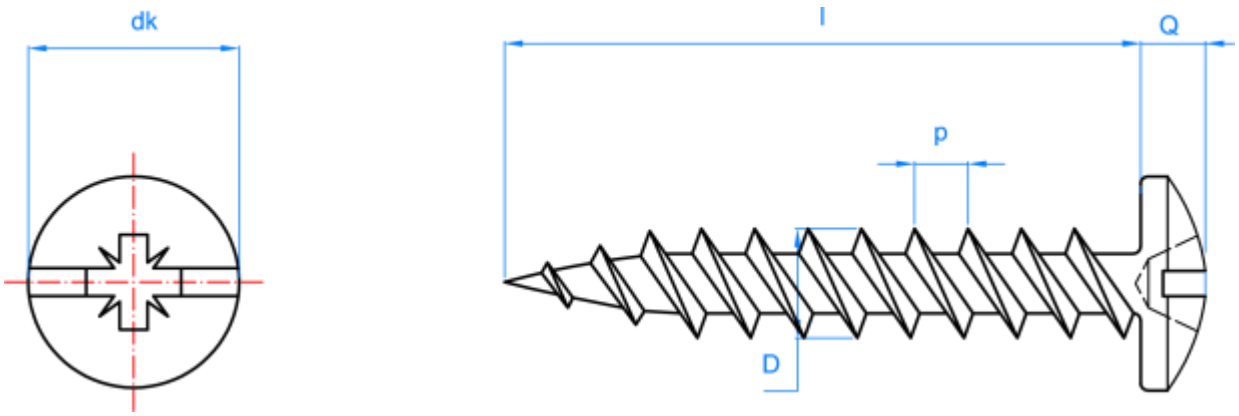


Properties		
Steel	Zinc plated coating	Pz + Flat recess

Sizes

CODE	Ødk	L	ØD	p	Q	SW
ABTG4530	9,8	30	4,3	2,0	2,5	2
ABTG4535	9,8	35	4,3	2,0	2,5	2
ABTG4540	9,8	40	4,3	2,0	2,5	2
ABTG5030	11,8	30	4,8	2,2	2,7	3
ABTG5040	11,8	40	4,8	2,2	2,7	3

DRAWING



2.8 PF-ZN

Zinc plated flat bar for fixation



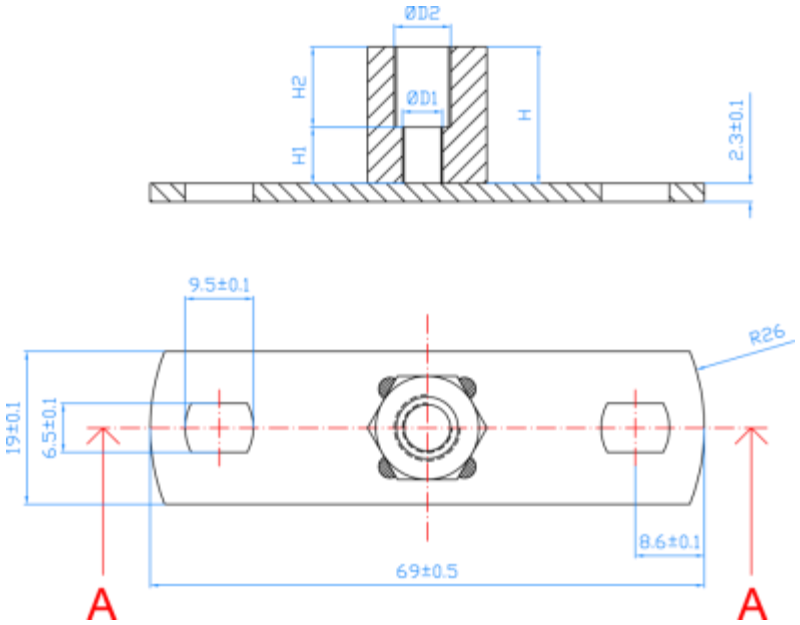
Properties

Steel	Zin Plated coating

Sizes

CODE	D1	D2	H	H1	H2
PFZNM0800	M8	--	7,5	7,5	--
PFZNM0810	M8	M10	17	7	10
PFZNM1000	--	M10	9	--	9

DRAWING



MAXIMUM RECOMMENDED LOAD [kg]

100

2.9 PF-A4 — Stainless flat bar for fixation



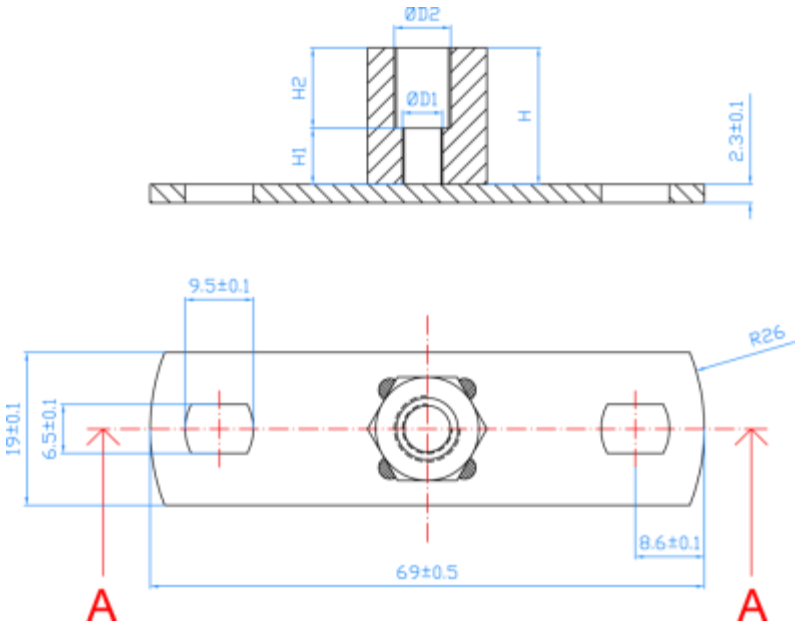
Properties

Stainless steel A4

Sizes

CODE	D1	D2	H	H1	H2
PFA4M0800	M8	--	7,5	7,5	--
PFA4M0810	M8	M10	17	7	10
PFA4M1000	--	M10	9	--	9

DRAWING

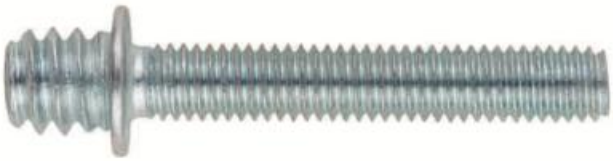


MAXIMUM RECOMMENDED LOAD [kg]

100

2.10 AB-TR

Threaded screw for clamps



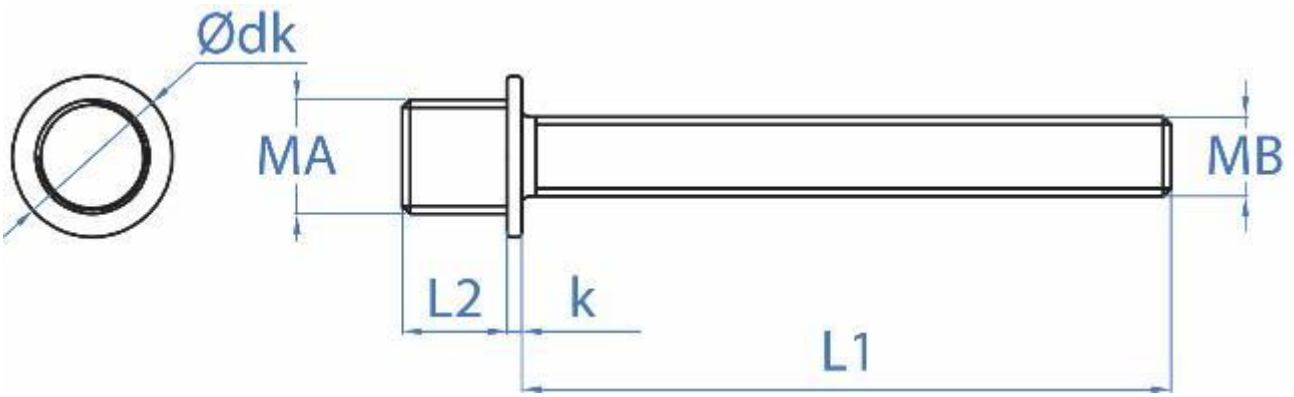
Properties

Steel	Zin Plated coating

Sizes

CODE	MA	MB	L1	L2	k	Ødk
ABTR05030	M7	M5	30	6	1	9
ABTR05040	M7	M5	40	6	1	9
ABTR05050	M7	M5	50	6	1	9
ABTR05060	M7	M5	60	6	1	9
ABTR06040	M7	M6	40	6	1	9
ABTR06050	M7	M6	50	6	1	9
ABTR06060	M7	M6	60	6	1	9

DRAWING



2.11 AB-FP

Flat washer for clamps



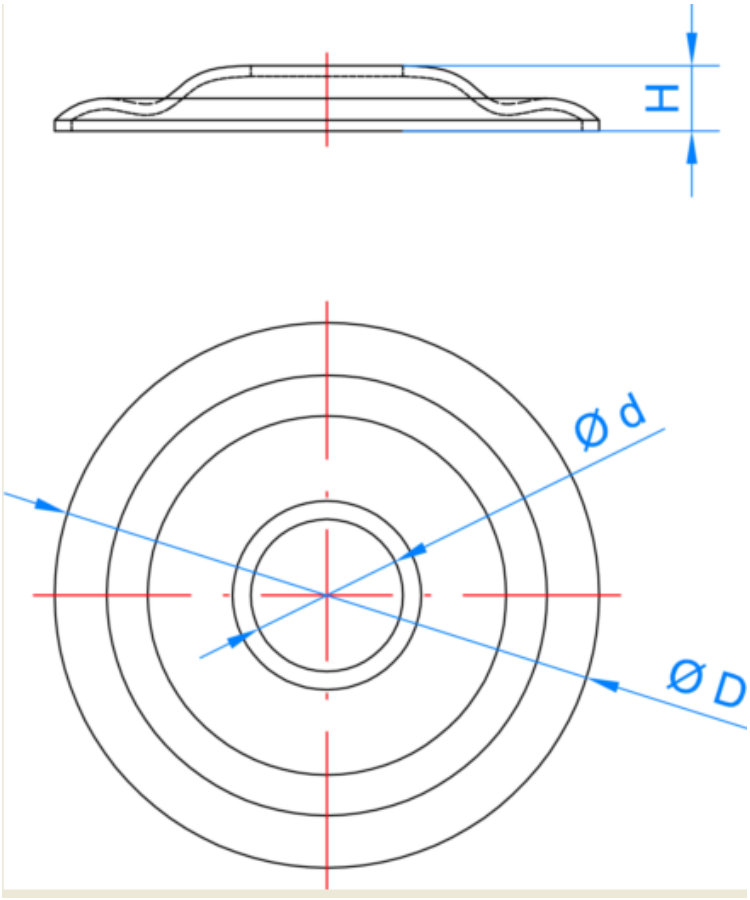
Properties

Steel	Zin Plated coating

Sizes

CODE	ØD	Ød	H
ABFP25	25	7	3
ABFP32	32	7	4

DRAWING



2.12 AB-FC

Conical washer for clamps

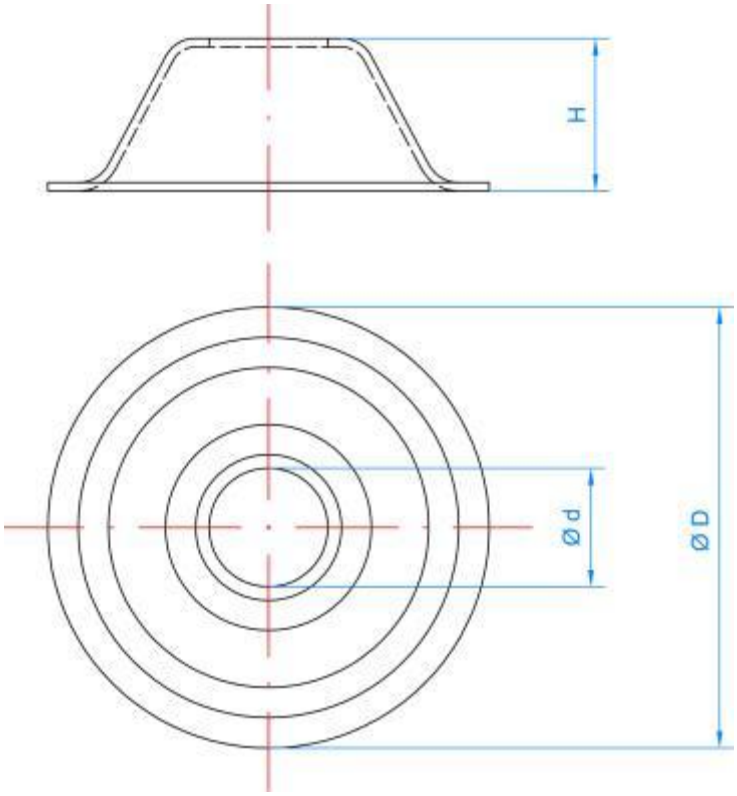


Properties	
Steel	Zin Plated coating

Sizes

CODE	Ød	ØD	H
ABFC09	7	26	9
ABFC14	7	30	14
ABFC19	7	34	19

DRAWING



2.13 TM-VR — Screw coupling nut for threaded rod

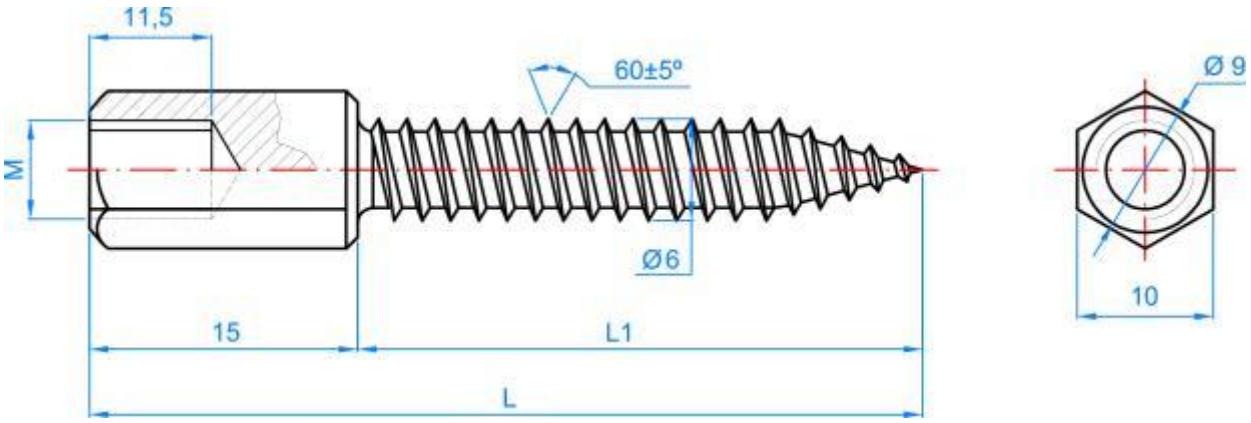


Properties	
Steel	Zin Plated coating*

Sizes

CODE	M	L	L1
TMVR06065	M6	65	50
TMVR07065	M7	65	50
TMVR08065	M8	65	50

DRAWING



*TMVR07065 in Yellow zinc plated ≥5µm ISO 4042 A2J