

Actuators Series

Cartidge Cylinders
Ø 6-16 mm



CA - CAF Series

Pg. 20.3

Mini Cylinders ISO 6432
Ø 8-25 mm



Mini Series

Pg. 20.5

Mini Stainless Steel Cylinders
ISO 6432 Ø 16-25 mm



Mini Stainless Steel Series

Pg. 20.13

Limited Space
Ø 32-63 mm



A95 Series

Pg. 20.16

Compact Cylinders
Ø 12-100 mm



Q Series

Pg. 20.23

ISO 15552 Cylinders
Ø 32-125 mm



L Series

Pg. 20.36

ISO 6431 Cylinders
Ø 160-320 mm



E Series

Pg. 20.45

Stainless Steel ISO 15552 Cylinders
Ø 32-125 mm



V Series

Pg. 20.47

Twin Rod Cylinders
Ø 32-100 mm



NHA Series

Pg. 20.50

Compact Cylinders ISO 21287
Ø 20-100 mm



W Series

Pg. 20.54

Cylinder Accessories
ISO 6431 - ISO 15552 - ISO 21287



Accessories

Pg. 20.62

Magnetic Poition Sensing Switches



Sensor

Pg. 20.72

Rodless Actuators Series

Rodless Cylinders Standard Version



S1 Series

Pg. 20.78

Rodless Cylinder with Integrated
Guides in Tecnopolymer



S5 Series

Pg. 20.87

Click here to view the **Actuators Series** on our Website



PNEUMATIC ACTUATORS



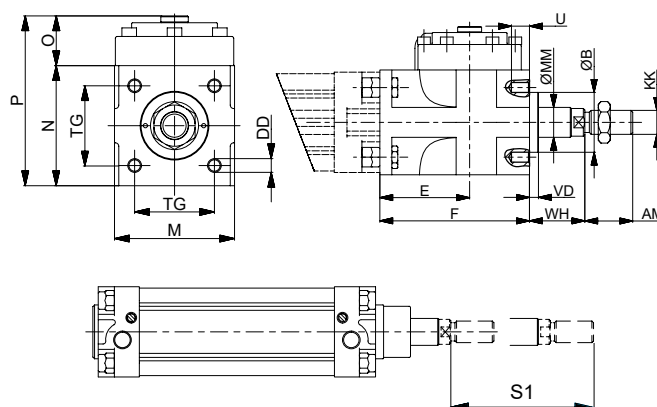
Actuators Series

CYLINDER ACCESSORIES FOR ISO 6431 - ISO 15552 - ISO 21287

Screw included.

UL1N

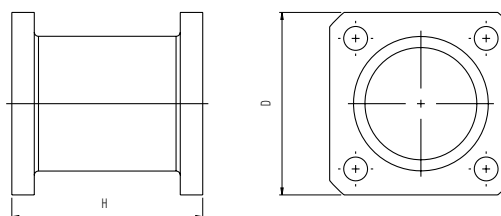
PISTON ROD LOCK



Code	Ø	AM	B	DD	E	F	H1	KK	M	MM	N	O	P	S1	TG	U	VD	WH
UL1N 032 12	32	22	30	M6	54.5	84	16	M10 X 1.25	50	12	50	29.5	79.5	85	32.5	10	6	26
UL1N 040 16	40	24	35	M6	58	90	15	M12 X 1.25	58	16	58	29.5	87.5	90	38	9	6	30
UL1N 050 20	50	32	40	M8	60	100	17	M16 X 1.5	70	20	70	29	99	100	46.5	10	6	37
UL1N 063 20	63	32	45	M8	65	110	17	M16 X 1.5	85	20	85	37	122	110	56.5	13	6	37
UL1N 080 25	80	40	45	M10	75	125	21	M20 X 1.5	100	25	100	40.5	140.5	125	72	16	8	46
UL1N 100 25	100	40	55	M10	90	152	26	M20 X 1.5	116	25	116	59	179	150	89	18	8	51
UL1N 125 32	125	54	60	M12	112.5	185	35	M27 X 2	145	32	145	62	207	185	110	22	9.5	65

VFT

JOINING FLANGE



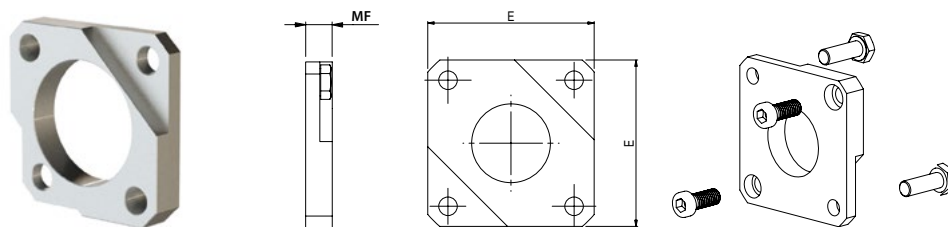
MATERIAL: Aluminium

Code	Ø	H	D
VFT 032	32	55	45
VFT 040	40	55	52
VFT 050	50	68	65
VFT 063	63	68	75
VFT 080	80	92	95
VFT 100	100	92	115
VFT 125	125	120	140

UKF 36

JOINING FLANGE

MATERIAL: Aluminium

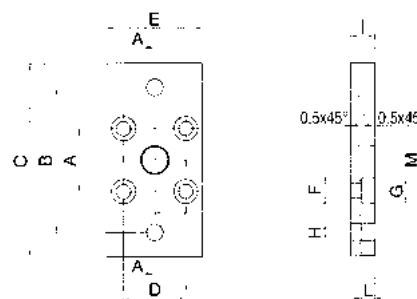


Code	Ø	E	MF
UKF 36 032	32	46.5	10
UKF 36 040	40	52	10
UKF 36 050	50	64.5	15
UKF 36 063	63	76.5	15
UKF 36 080	80	95	15
UKF 36 100	100	114	15
UKF 36 125	125	140	15

QFL

FLANGE

MATERIAL: Steel

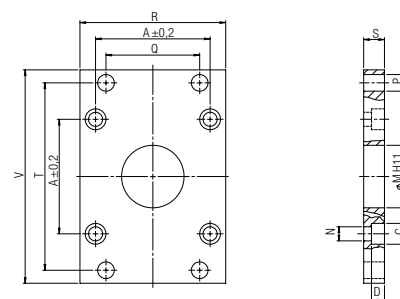


Code	Ø	A	B	C	D	E	F	G	H	I	L	M
QFL 012	12-16	18	43	55	18	29	4.5	9	5.5	10	5.4	10
QFL 020	20	22	55	70	22	36	5.5	10	6.6	10	5.4	12
QFL 025	25	26	60	76	26	40	5.5	10	6.6	10	5.4	12

VFL

FLANGE

- MATERIAL: Steel
- MATERIAL: Stainless Steel
- SCREW: DIN6912

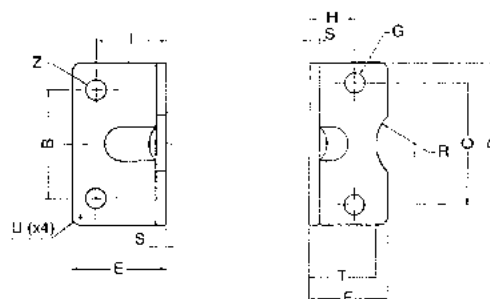


Code •	Code ■	Ø	Ø M	P	S	D	C	N	A	Q	R	T	V
VFL 032	VFLI 032	32	30	7	10	5	10.5	6.5	32.5	32	45	64	80
VFL 040	VFLI 040	40	35	9	10	5	11	6.5	38	36	52	72	90
VFL 050	VFLI 050	50	40	9	12	5.5	15	8.5	46.5	45	65	90	110
VFL 063	VFLI 063	63	45	9	12	5.5	15	8.5	56.5	50	75	100	120
VFL 080	VFLI 080	80	45	12	16	8	18	10.5	72	63	95	126	150
VFL 100	VFLI 100	100	55	14	16	8	18	10.5	89	75	115	150	170
VFL 125	-	125	60	16	20	9.5	20	13.5	110	90	140	180	205
VFL 160	-	160	65	18	20	10.5	26	17	140	115	180	230	260
VFL 200	-	200	75	22	25	12.5	26	17	175	135	220	270	300
VFL 250	-	250	90	26	25	14.5	33	22	220	165	285	330	400
VFL 320	-	320	110	33	30	15	39	26	270	200	350	400	470

QCP

LOW-RISE PEDESTAL

ø 12-25

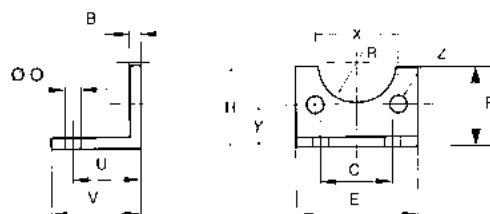


MATERIAL: Steel

Code	Ø	C	B	D	E	F	G	H	I	S	T	R	U	Z
QCP 012	12 - 16	18	18	30	17.5	17.5	4.4	13	13	3	15	9	2	5.5
QCP 020	20	22	22	36	22	22	5.4	16	16	4	17	10	2	6.6
QCP 025	25	26	26	40	22	23	5.4	17	16	4	19	11	2	6.6

VCP

LOW RISE PEDISTAL



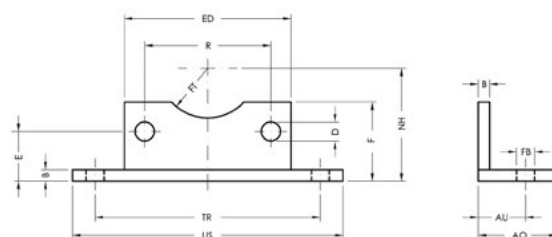
- MATERIAL: Steel
- MATERIAL: Stainless Steel

Code •	Code ■	Ø	B	C	E	F	O	U	V	R	Z	X	Y	H
VCP 032	VCPI 032	32	4	32	45	30	7	24	35	15	7	32.5	15.75	32
VCP 040	VCPI 040	40	4	36	52	30	10	28	36	17.5	7	38	17	36
VCP 050	VCPI 050	50	5	45	65	36	10	32	47	20	9	46.5	21.75	45
VCP 063	VCPI 063	63	5	50	75	35	10	32	45	22.5	9	56.5	21.75	50
VCP 080	VCPI 080	80	6	63	95	47	12	41	55	22.5	11	72	27	63
VCP 100	VCPI 100	100	6	75	115	53	14.5	41	57	27.5	11	89	26.5	71
VCP 125	VCPI 125	125	8	90	140	70	16.5	45	70	30	14	110	35	90
VCP 160	-	160	9	115	180	115	18	60	75	32.5	18	140	45	115
VCP 200	-	200	12	135	220	135	21	70	100	37.5	18	175	47.5	135
VCP 250	-	250	14	165	270	165	26	75	100	45	22	220	55	165

VCB

LARGE LOW RISE PEDISTAL

ø 32-100



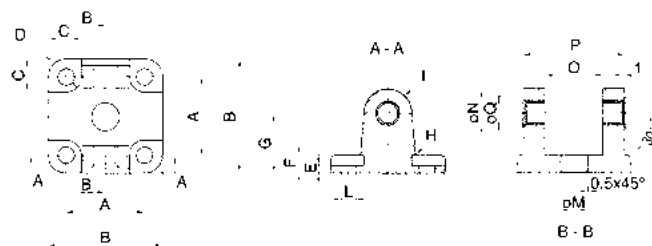
MATERIAL: Steel

Code	Ø	US	ED	F	AO	B	TR	E	D	FT	NH	R	AU	FB
VCB 032 NE	32	79	45	30	30	5	65	15.75	6.5	15	32	32.5	18	6.5
VCB 040 NE	40	90	55	30	30	5	75	17	6.5	17.5	36	38	18	6.5
VCB 050 NE	50	110	65	35	35	5	90	21.75	8.5	20	45	46.5	21	8.5
VCB 063 NE	63	120	75	35	35	5	100	21.75	8.5	22.5	50	56.5	21	8.5
VCB 080 NE	80	153	95	45	45	6	128	27	10.5	22.5	63	72	27	10.5
VCB 100 NE	100	178	115	45	45	6	148	26.5	10.5	27.5	71	89	27	10.5

VCF

CLEVIS BRACKET WITH SELF-LUBRICATING BUSHINGS

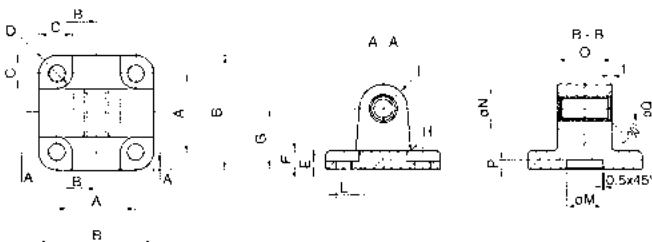
- MATERIAL: Aluminium
- MATERIAL: Stainless Steel



Code ●	Code ■	Ø	B	E	G	T	Z	CM	MR
VCF 032	VCFI 032	32	9	45	10	45	22	26	10
VCF 040	VCFI 040	40	9	52	12	52	25	28	12
VCF 050	VCFI 050	50	11	65	12	60	27	32	12
VCF 063	VCFI 063	63	11	75	16	70	32	40	16
VCF 080	VCFI 080	80	14	95	16	90	36	50	16
VCF 100	VCFI 100	100	14	115	20	110	41	60	20
VCF 125	VCFI 125	125	20	140	25	130	50	70	25
VCF 160	VCFI 160	160	20	180	30	170	55	90	25
VCF 200	VCFI 200	200	25	220	30	170	60	90	25

QCM

EYE BRACKET WITH SELF-LUBRICATING BUSHINGS



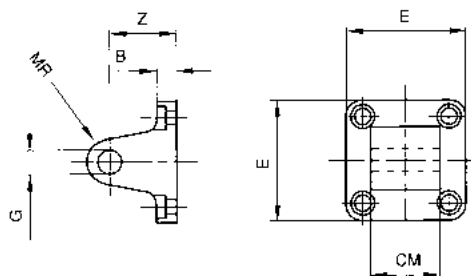
MATERIAL: Aluminium

Code	Ø	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q
QCM 012	12 - 16	18	27	10	4.5	2.6	6	16	2	6	4.5	10	8	12	3	6
QCM 020	20	22	34	11	5	2.6	6	20	2	8	5.5	12	10	16	3	8
QCM 025	25	26	38	11	5	2.6	6	20	2	8	5.5	12	10	16	3	8

VCM

EYE BRACKET

- MATERIAL: Aluminium
- MATERIAL: Stainless Steel
- ◆ MATERIAL: Iron

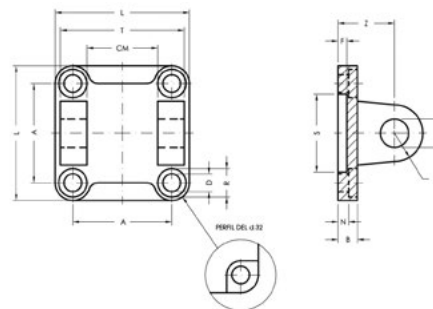


Code ●	Code ■	Code ◆	Ø	B	E	G	Z	CM	MR
VCM 032	VCFI 032	VCMZ 032 NE	32	9	45	10	22	26	10
VCM 040	VCFI 040	VCMZ 040 NE	40	9	52	12	25	28	12
VCM 050	VCFI 050	VCMZ 050 NE	50	11	65	12	27	32	12
VCM 063	VCFI 063	VCMZ 063 NE	63	11	75	16	32	40	16
VCM 080	VCFI 080	VCMZ 080 NE	80	14	95	16	36	50	16
VCM 100	VCFI 100	VCMZ 100 NE	100	14	115	20	41	60	20
VCM 125	VCFI 125	VCMZ 125 NE	125	20	140	25	50	70	25
VCM 160	VCFI 160	VCMZ 160 NE	160	20	180	30	55	90	25
VCM 200	VCFI 200	VCMZ 200 NE	200	25	220	30	60	90	25
VCM 250	-	VCMZ 250 NE	250	25	270	40	70	110	40

VCH

CLEVIS BRACKET

- MATERIAL: Aluminium
- ◆ MATERIAL: Iron

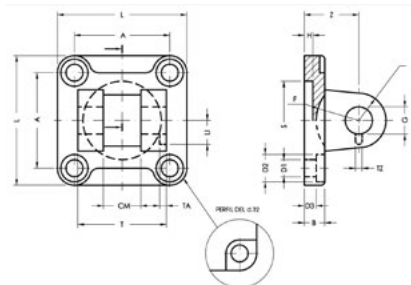


Code ●	Code ◆	Ø	A	L	D	R	N	B	S	F	Z	G	M	CM	T
VCH 032	VCHZ 032 NE	32	32.5	45	6.6	11	5.5	9	30	5	22	10	10	26	45
VCH 040	VCHZ 040 NE	40	38	52	6.6	11	5.5	9	35	5	25	12	12	28	52
VCH 050	VCHZ 050 NE	50	46.5	65	9	15	6.5	11	40	5	27	12	12	32	60
VCH 063	VCHZ 063 NE	63	56.5	75	9	15	6.5	11	45	5	32	16	16	40	70
VCH 080	VCHZ 080 NE	80	72	95	11	18	10	14	45	5	36	16	16	50	90
VCH 100	VCHZ 100 NE	100	89	115	11	18	10	14	55	5	41	20	20	60	110
VCH 125	VCHZ 125 NE	125	110	140	14	20	10	20	60	7	50	25	25	70	130
VCH 160	VCHZ 160 NE	160	140	180	18	26	10	20	65	7	55	30	25	90	170
VCH 200	VCHZ 200 NE	200	175	220	18	26	11	25	75	7	60	30	25	90	170
VCH 250	VCHZ 250 NE	250	220	270	22	33	11	25	90	-	70	40	40	110	200

VCD

NARROW CLEVIS BRACKET

- MATERIAL: Aluminium
- ◆ MATERIAL: Iron

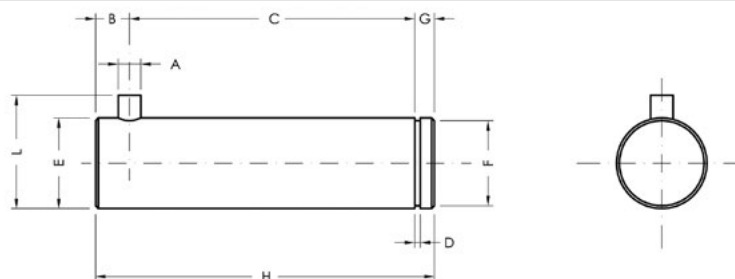


Code ●	Code ◆	Ø	L	T	CM	A	Z	H	B	D3	S	G	MR	D1	D2	TA	TZ	LI	F
VCD 032	VCDZ 032 NE	32	45	34	14	32.5	22	5	9	5.5	30	10	10	6.6	11	3	3.3	11.5	17
VCD 040	VCDZ 040 NE	40	52	40	16	38	25	5	9	5.5	35	12	12	6.6	11	4	4.3	12	20
VCD 050	VCDZ 050 NE	50	65	45	21	46.5	27	5	11	6.5	40	16	14	9	15	4	4.3	14	22
VCD 063	VCDZ 063 NE	63	75	51	21	56.5	32	5	11	6.5	45	16	18	9	15	4	4.3	14	25
VCD 080	VCDZ 080 NE	80	95	65	25	72	36	5	14	10	45	20	20	11	18	4	4.3	16	30
VCD 100	VCDZ 100 NE	100	115	75	25	89	41	5	14	10	55	20	22	11	18	4	6.3	16	32
VCD 125	VCDZ 125 NE	125	140	97	37	110	50	7	20	10	60	30	25	14	20	6	6.3	24	42
VCD 160	-	160	180	122	43	140	55	7	20	10	65	35	30	18	26	6	6.3	26.5	46
VCD 200	-	200	220	122	43	175	60	7	25	11	75	35	30	18	26	6	6.3	26.5	49

VPS

PIN WITH ANTI-ROTATION AND RETAINER CLIP FOR VCD CLEVIS BRACKET

- MATERIAL: Steel
- MATERIAL: Stainless Steel



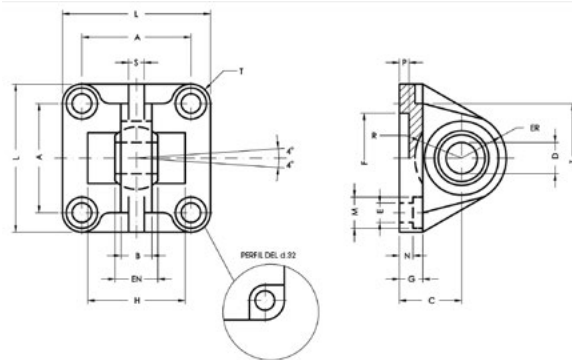
Code ●	Code ■	Ø	A	C	D	E	F	G	H	L	B
VPS 032	VPSI 032	32	3	32.5	1.1	10	9.6	4	41	14	4.5
VPS 040	VPSI 040	40	4	38	1.1	12	11.5	4	48	16	6
VPS 050	VPSI 050	50	4	43	1.1	16	15.2	5	60	20	6
VPS 063	VPSI 063	63	4	49	1.1	16	15.2	5	60	20	6
VPS 080	VPSI 080	80	4	63	1.3	20	19	6	75	24	6
VPS 100	VPSI 100	100	4	73	1.3	20	19	6	85	24	6
VPS 125	VPSI 125	125	6	94	1.6	30	28.6	7	110	36	9
VPS 160	-	160 - 200	6	119	1.6	35	33	7	135	41	9

VCS

EYE BRACKET WITH
SPHERICLE ROD EYE



- MATERIAL: Aluminium
- MATERIAL: Stainless Steel
- ◆ MATERIAL: Iron



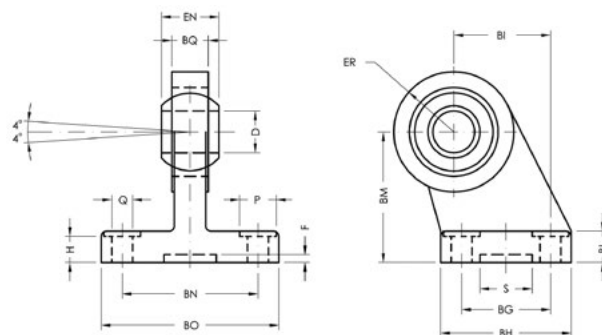
Code ●	Code ■	Code ◆	Ø	A	B	C	D	EN	ER	F	G	E	L	M	N	P	H	R	S	Z	T
VCS 032	VCSI 032	VCSZ 032 NE	32	32.5	10.5	22	10	14	16	30	9	6.6	45	11	5.5	5	-	-	4	32.5	6.25
VCS 040	VCSI 040	VCSZ 040 NE	40	38	12	25	12	16	19	35	9	6.6	52	11	5.5	5	-	-	6	39	7
VCS 050	VCSI 050	VCSZ 050 NE	50	46.5	15	27	16	21	21	40	11	9	65	15	6.5	5	51	18	8	47	9.25
VCS 063	VCSI 063	VCSZ 063 NE	63	56.5	15	32	16	21	24	45	11	9	75	15	6.5	5	-	-	8	52	9.25
VCS 080	VCSI 080	VCSZ 080 NE	80	72	18	36	20	25	28.5	45	14	11	95	18	10	5	72	24	10	67	11.5
VCS 100	VCSI 100	VCSZ 100 NE	100	89	18	41	20	25	30	55	14	11	115	18	10	8	-	-	10	77	13
VCS 125	VCSI 125	VCSZ 125 NE	125	110	25	50	30	37	40	60	20	13.5	140	20	10	7	-	-	13	98	15
VCS 160	-	-	160	140	28	55	35	43	45	65	20	18	180	26	10	7	-	-	14	130	20
VCS 200	-	-	200	175	28	60	35	43	48	75	25	18	220	26	11	7	-	-	14	155	22.5

VADZ

EYE BRACKET WITH
SPHERICLE ROD EYE



MATERIAL: Steel
TREATMENT: Black Cataphoresis



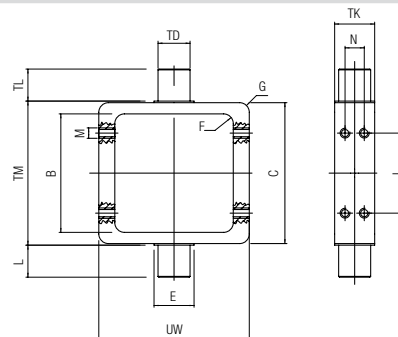
Code	Ø	Q	P	BG	BH	BI	BL	BM	BN	BO	EN	ER	BQ	D	H	S	F
VADZ 032 NE	32	6.6	11	18	31	21	10	32	38	51	14	15	10.5	10	8.5	20	3
VADZ 040 NE	40	6.6	11	22	35	24	10	36	41	54	16	18	12	12	8.5	20	3
VADZ 050 NE	50	9	15	30	45	33	12	45	50	65	21	20	15	16	10.5	20	3
VADZ 063 NE	63	9	15	35	50	37	12	50	52	67	21	23	15	16	10.5	20	3
VADZ 080 NE	80	11	18	40	60	47	14	63	66	86	25	27	18	20	11.5	20	3
VADZ 100 NE	100	11	18	50	70	55	15	71	76	96	25	30	18	20	12.5	20	3
VADZ 125 NE	125	13.5	20	60	90	70	20	90	94	124	37	40	25	30	17	20	3

XCN

INTERMEDIATE
ADJUSTABLE TRUNNION MOUNT



MATERIAL: Steel



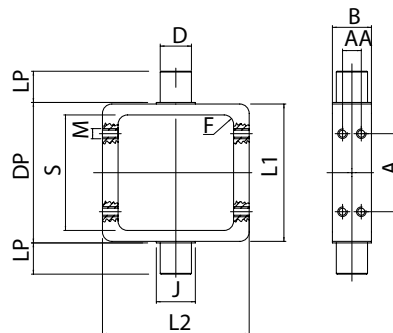
Code	Ø	UW	B	C	TD	E	F	G	TK	I	TL	M	N	TM
XCN 032	32	65	45	50	12	-	5	4	20	28	12	M5	7	50
XCN 040	40	75	53	62	16	20	5	5	20	32	16	M5	8	63
XCN 050	50	90	64	74	16	20	6	6	20	40	16	M6	8	75
XCN 063	63	100	74	88	20	25	6	6	25	50	20	M6	12	90
XCN 080	80	130	93	109	20	25	7	7	25	64	20	M8	12	110
XCN 100	100	140	110	130	25	30	8	8	30	80	25	M8	15	132
XCN 125	125	150	134	155	25	30	8	8	30	100	25	M10	15	160

LCN

INTERMEDIATE ADJUSTABLE TRUNNION MOUNT



MATERIAL: Steel

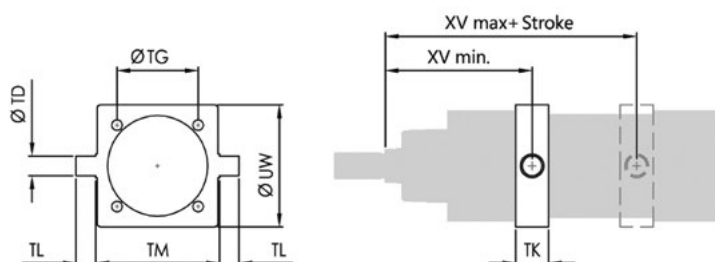


Code	Ø	L2	S	L1	D	J	F	B	A	LP	M	AA	DP
LCN 032	32	65	46	-	12	-	5	20	32.5	12	M5	7	50
LCN 040	40	75	54.5	62	16	20	4	20	38	16	M5	8	63
LCN 050	50	90	64.5	74	16	20	6	20	46.5	16	M6	8	75
LCN 063	63	100	74.5	88	20	25	6	25	56.5	20	M6	12	90
LCN 080	80	130	94.5	109	20	25	7	25	72	20	M8	12	110
LCN 100	100	140	111.5	130	25	30	8	30	80	25	M8	15	132
LCN 125	125	150	135.5	155	25	30	8	30	110	25	M10	15	160

* For assembly it is necessary to remove the cylinder head.

VCNT

INTERMEDIATE FIXED TRUNNION MOUNT

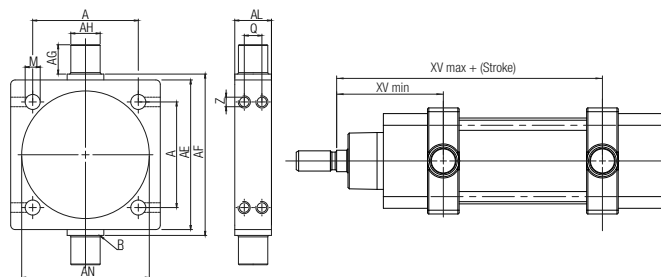


MATERIAL: Steel

Code	Ø	TD	TG	TK	TL	TM	UW	XV min	XV max	RT
VCNT 032	32	12	32.5	15	12	50	46	61.5	84.5	M6
VCNT 040	40	16	38	20	16	63	59	71.5	93.5	M6
VCNT 050	50	16	46.5	20	16	75	69	78.5	101.5	M8
VCNT 063	63	20	56.5	25	20	90	84	84.5	110.5	M8
VCNT 080	80	20	72	25	20	110	102	94.5	125.5	M10
VCNT 100	100	25	89	30	25	132	125	107	133	M10
VCNT 125	125	25	110	32	25	160	155	126	163	M12
VCNT 160	160	32	140	40	32	200	190	149	191	M16
VCNT 200	200	32	175	40	32	250	240	164	206	M16
VCNT 250	250	40	220	50	40	320	296	187	223	M20

VCNL

INTERMEDIATE TRUNNION FOR SMOOTH TIE-RODS



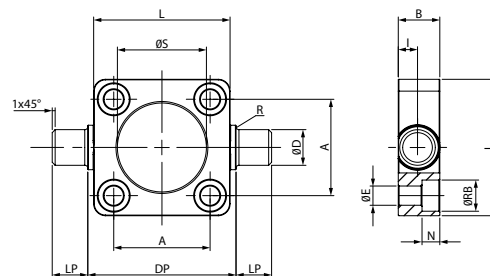
MATERIAL: Steel

Code	Ø	TD	TG	TK	TL	TM	UW	XV min	XV max
VCNL 032	32	12	32.5	15	12	50	46	61.5	84.5
VCNL 040	40	16	38	20	16	63	59	71.5	93.5
VCNL 050	50	16	46.5	20	16	75	69	78.5	101.5
VCNL 063	63	20	56.5	25	20	90	84	84.5	110.5
VCNL 080	80	20	72	25	20	110	102	94.5	125.5
VCNL 100	100	25	89	30	25	132	125	107	133
VCNL 125	125	25	110	32	25	160	155	126	163
VCNL 160	160	32	140	40	32	200	190	149	191
VCNL 200	200	32	175	40	32	250	240	164	206

VCNF

FRONT - REAR HINGE

MATERIAL: Steel

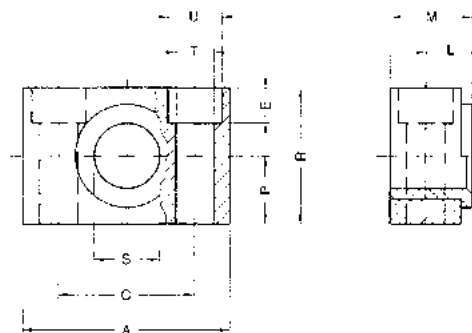


Code	Ø	A	L	DP	LP	D	S	B	R	I	E	RB	N
VCNF 032	32	32,5	46	50	12	12	30	14	1	6.5	6.5	10.5	6
VCNF 040	40	38	59	63	16	16	35	19	1,5	9	6.5	10.5	6
VCNF 050	50	46,5	69	75	16	16	40	19	1,6	9	8.5	13.5	8
VCNF 063	63	56,5	84	90	20	20	45	24	1,6	11.5	8.5	13.5	8
VCNF 080	80	72	102	110	20	20	45	24	1,6	11.5	10.5	16.5	10
VCNF 100	100	89	125	132	25	25	55	29	2	14	10.5	16.5	10
VCNF 125	125	110	150	160	25	25	60	30	2	15	13.5	20	12

VSI

SUPPORT BLOCK FOR INTERMEDIATE TRUNNION

MATERIAL: Steel

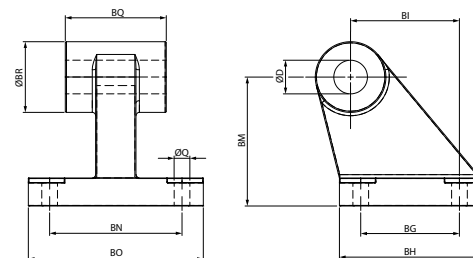


Code	Ø	A	M	R	P	C	S	L	U	T	E
VSI 032	32	46	18	30	15	32	12	10.5	11	6.6	7
VSI 040	40 - 50	55	21	36	18	36	16	12	15	9	9
VSI 063	63 - 80	65	23	40	20	42	20	13	18	11	11
VSI 100	100 - 125	75	28.5	50	25	50	25	16	20	14	13
VSI 160	160 - 200	92	40	60	30	60	32	22.5	26	18	17
VSI 250	250	140	56	70	35	90	40	31	33	22	20

VAS

EYE BRACKET

- MATERIAL: Aluminium
- ♦ MATERIAL: Stainless Steel

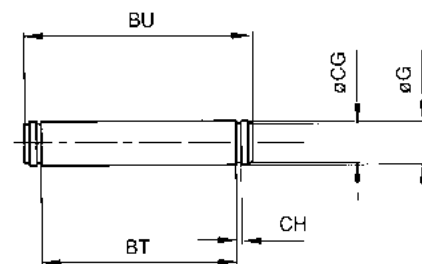


Code ●	Code ■	Ø	Q	BG	BH	BI	BM	BN	BO	BQ	BR	Ø
VAS 032	VASI 032	32	6.6	18	31	21	32	38	51	26	20	10
VAS 040	VASI 040	40	6.6	22	35	24	36	41	54	28	22	12
VAS 050	VASI 050	50	9	30	45	33	45	50	65	32	26	12
VAS 063	VASI 063	63	9	35	50	37	50	52	67	40	30	16
VAS 080	VASI 080	80	11	40	60	47	63	66	86	50	30	16
VAS 100	VASI 100	100	11	50	70	55	71	76	96	60	38	20
VAS 125	VASI 125	125	14	60	90	70	90	94	124	70	45	25
VAS 160	-	160	14	88	126	97	115	118	156	90	63	30
VAS 200	-	200	18	90	130	105	135	122	162	90	63	30

VPE

PIN WITH RETAINER CLIPS

- MATERIAL: Steel
- MATERIAL: Stainless Steel

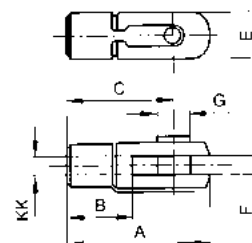


Code ●	Code ■	Ø	G	BT	BU	CG	CH
VPE 032	VPEI 032	32	10	46	53	9.6	1.1
VPE 040	VPEI 040	40	12	53	60	11.5	1.1
VPE 050	VPEI 050	50	12	61	68	11.5	1.1
VPE 063	VPEI 063	63	16	71	78	15.2	1.1
VPE 080	VPEI 080	80	16	91	98	15.2	1.1
VPE 100	VPEI 100	100	20	111	118	19	1.3
VPE 125	VPEI 125	125	25	132	139	23.9	1.3
VPE 160	VPEI 160	160 - 200	30	171.5	178	28.6	1.6
VPE 250	-	250	40	202	211	37.5	1.85
VPE 320	-	320	45	222	236	42.5	1.85

FC

ROD CLEVIS WITH LOCKABLE PIN

- MATERIAL: Steel
- MATERIAL: Stainless Steel



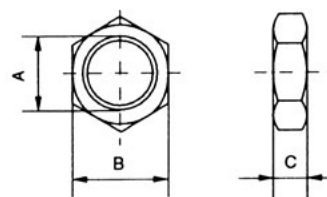
Code ●	Code ■	KK	A	B	C	E	F	G
FC 020	*FCI 020	M8x1.25	42	16	32	16	8	8
FC 025	*FCI 025	M10x1.25	52	20	40	20	10	10
FC 040	*FCI 040	M12x1.25	62	24	48	24	12	12
FC 050	*FCI 050	M16x1.5	83	32	64	32	16	16
FC 080	*FCI 080	M20x1.5	105	40	80	40	20	20
*FC 125	*FCI 125	M27x2	148	56	110	55	30	30
*FC 160	*FCI 160	M36x2	188	72	144	70	35	35
*FC 250	-	M42x2	232	84	168	85	42	42
*FC 320	-	M48x2	265	96	192	96	50	50

* With pin and seeger.

DA

ROD JAM NUT

MATERIAL: Steel



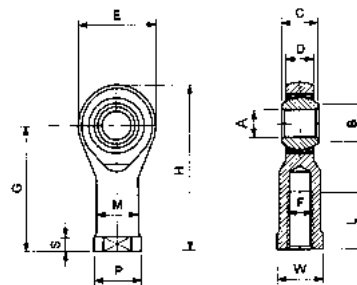
Code	A	B	C
ODA00 00 51 C3 ZI	M8x1.25	13	6.5
ODA00 00 51 C9 ZI	M10x1.25	17	8
ODA00 00 51 D5 ZI	M12x1.25	19	7
ODA00 00 51 E3 ZI	M16x1.5	22	6
ODA00 00 51 F2 ZI	M20x1.5	30	9
ODA00 00 51 G8 ZI	M27x2	41	12
EDA00 00 51 I6 ZI	M36x2	55	14
EDA00 00 51 L0 ZI	M42x2	65	20
EDA00 00 51 DG ZI	M48x2	75	24

TF

SELF-LUBRICATING SPHERICAL ROD EYE



MATERIAL: Steel



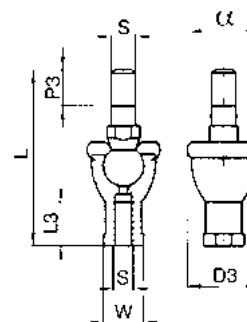
Code	F	A	B	C	Ø Sphere	D	E	G	H	L	M	P	S	W	Radial load		Weight
															Dynamic	Static	
		0 H7	0	0 -0.13		± 0.13	± 0.5	± 0.5		± 0.7	± 0.7	± 0.5	± 0.7	± 0.25	kg	kg	g
TF 020	M8x1.25	8	10.4	12	15.88	9	24	36	48	12	12.5	16	5	14	780	1.900	36
TF 025	M10x1.25	10	12.9	14	19.05	11.5	30	43	58	15	15	19	6.5	16	1.200	3.100	88
TF 040	M12x1.25	12	15.4	16	22.23	12.5	34	50	67	18	17.5	22	6.5	18	1.400	3.700	120
TF 050	M16x1.5	16	19.3	21	28.58	15.5	42	64	85	24	22	27	8	24	2.500	6.300	240
TF 080	M20x1.5	20	24.4	25	34.93	18.5	50	77	102	30	27.5	34	10	30	3.700	8.300	430
TF 125	M27x2	28	32.3	35	47.59	26	66	103	136	41	37	46	14	41	7.100	14.200	1.120
TF 160	M36x2	35	-	43	-	-	-	125	-	56	-	58	-	-	-	-	1.600
TF 250	M42x2	40	-	49	-	-	-	142	-	60	-	65	-	-	-	-	2.800
TF 320	M48x2	50	-	60	-	-	-	162	-	65	-	75	-	-	-	-	5.000

TS

SELF-ALIGNING ROD END COUPLER



MATERIAL: Steel



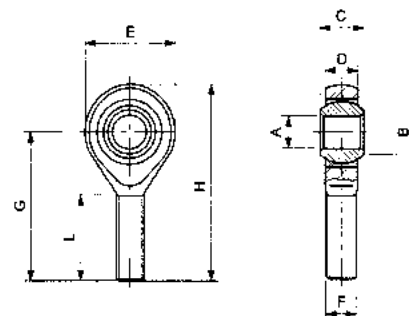
Code	S	L	L3	W	P3	D3	α°	(kN)
TS 020	M8x1.25	65	16	14	12	20	30°	3.5
TS 025	M10x1.25	74.5	18	17	15	28	30°	5
TS 040	M12x1.25	84	20	19	17	32	30°	6.7
TS 050	M16x1.5	112	27	22	23	40	22°	7.8
TS 080	M20x1.5	133	38	30	25	45	15°	10

TM

SPHERICAL ROD EYE WITH MALE THREAD



MATERIAL: Steel



Code	F	A	B	C	Ø	D	E	G	H	L	Radial load		Weight
											Dynamic	Static	
TM 020	M5x0.8	5	7.5	8	11.11	7.5	18	33	42	19	430	1000	13
TM 032	M6x1	6	8.9	9	12.7	7.5	20	36	46	21	470	1100	15
TM 050	M8x1.25	8	10.4	12	15.88	9.5	24	42	54	25	780	1900	34
TM 080	M10x1.5	10	12.9	14	19.05	11.5	30	48	63	28	1200	3100	70
TM 100	M12x1.75	12	15.4	16	22.23	12.5	34	54	71	32	1400	3700	110