

POM-MET® is a registered trademark of GLT-GleitLagerTechnik® GmbH

POM-MET®



WRAPPED COMPOSITE SLIDING BEARING,
STEEL/ACETAL RESIN (POM), LUBRICATION POCKETS,
LOW-MAINTENANCE



POM-MET®

Wrapped composite sliding bearing steel / POM, with lubrication pockets
 Low-maintenance • DIN 1494 / ISO 3547

We produce all special designs at short notice! Punchings and moldings are produced on customers' requirement.

POZ Cylindrical bushing
 POA Thrust washer
 POS Strips

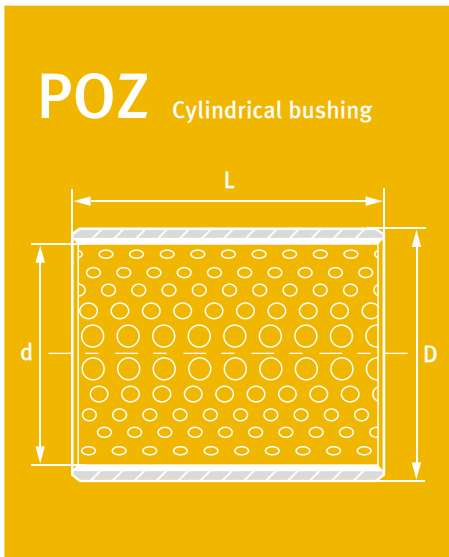
PROPERTIES	Suitable for grease or oil lubrication and all kinds of movements, good load capacity, robust and insensible to dirt.
MATERIALS Support material Intermediate layer Sliding layer	Steel copper plated / tinplated Sintered bronze Acetal resin / POM
MATERIAL PROPERTIES Specific load capacity static Specific load capacity dynamic Sliding speed Friction value Temperature strain Max. Pv - value	≤ 250 [N/mm ²] ≤ 140 [N/mm ²] at low sliding speeds ≤ 2,5 [m/s] 0,04 to 0,12 [μ] depending on lubrication -40 to +130 [°C] 2,8 [N/mm ² x m/s]
TOLERANCE DETAILS Housing - Ø Bushing-inner - Ø after mounting Shaft tolerance	H7 In the range of D h8
SHAFT MATERIAL	Steel, hardened or untempered, surface roughness ≤ Rz 4-6
MOUNTING ADWISE Housing Shaft Force fitting mandrel Stick in	Mounting bevel, min. 1,5 mm x 15-45° Mounting bevel, 5 mm x 15°, edges rounded The application of an adequate force fitting mandrel is advisable. Grease lubrication of the outer surface may be necessary when mounting. Adhesive should not contact the sliding surface.
MAINTENACE	POM-MET® is a low-maintenace composite sliding bearing with a POM coating. Primary lubrication is necessary. Oil or grease lubrication is possible. Because of lubrication pockets lubrication clearances are reduced to a minimum!



Additional lubrication slots or lubrication drills on demand!
 Cylindrical bushings, thrust washer and strips are standard fabrication.

POZ

Also available in inch sizes!



Art. Nr.	d / D x L	Art. Nr.	d / D x L
POZ 0805	8/10x5	POZ 2560	25/28x60
POZ 0806	8/10x6	POZ 2610	26/30x10
POZ 0808	8/10x8	POZ 2612	26/30x12
POZ 0810	8/10x10	POZ 2615	26/30x15
POZ 0812	8/10x12	POZ 2620	26/30x20
POZ 0815	8/10x15	POZ 2625	26/30x25
POZ 0820	8/10x20	POZ 2630	26/30x30
POZ 0908	9/11x8	POZ 2635	26/30x35
POZ 0909	9/11x9	POZ 2640	26/30x40
POZ 0910	9/11x10	POZ 2650	26/30x50
POZ 1005	10/12x5	POZ 2810	28/32x10
POZ 1006	10/12x6	POZ 2812	28/32x12
POZ 1008	10/12x8	POZ 2815	28/32x15
POZ 1009	10/12x9	POZ 2820	28/32x20
POZ 1010	10/12x10	POZ 2825	28/32x25
POZ 1012	10/12x12	POZ 2830	28/32x30
POZ 1015	10/12x15	POZ 2832	28/32x32
POZ 1020	10/12x20	POZ 2835	28/32x35
POZ 1108	11/13x8	POZ 2840	28/32x40
POZ 1109	11/13x9	POZ 3010	30/34x10
POZ 1110	11/13x10	POZ 3012	30/34x12
POZ 1112	11/13x12	POZ 3015	30/34x15
POZ 1206	12/14x6	POZ 3020	30/34x20
POZ 1208	12/14x8	POZ 3025	30/34x25
POZ 1210	12/14x10	POZ 3028	30/34x28
POZ 1212	12/14x12	POZ 3030	30/34x30
POZ 1214	12/14x14	POZ 3032	30/34x32
POZ 1215	12/14x15	POZ 3035	30/34x35
POZ 1216	12/14x16	POZ 3038	30/34x38
POZ 1220	12/14x20	POZ 3040	30/34x40
POZ 1225	12/14x25	POZ 3045	30/34x45
POZ 1308	13/15x8	POZ 3050	30/34x50
POZ 1309	13/15x9	POZ 3210	32/36x10
POZ 1310	13/15x10	POZ 3212	32/36x12
POZ 1312	13/15x12	POZ 3215	32/36x15
POZ 1315	13/15x15	POZ 3218	32/36x18
POZ 1410	14/16x10	POZ 3220	32/36x20
POZ 1412	14/16x12	POZ 3225	32/36x25
POZ 1415	14/16x15	POZ 3230	32/36x30
POZ 1420	14/16x20	POZ 3235	32/36x35
POZ 1422	14/16x22	POZ 3240	32/36x40
POZ 1425	14/16x25	POZ 3245	32/36x45
POZ 1508	15/17x8	POZ 3250	32/36x50
POZ 1510	15/17x10	POZ 3410	34/38x10
POZ 1512	15/17x12	POZ 3412	34/38x12
POZ 1515	15/17x15	POZ 3415	34/38x15
		POZ 3420	34/38x20
		POZ 3425	34/38x25
		POZ 3430	34/38x30
		POZ 3435	34/38x35
		POZ 3440	34/38x40
		POZ 3445	34/38x45
		POZ 3510	35/39x10
		POZ 3512	35/39x12
		POZ 3515	35/39x15
		POZ 3520	35/39x20
		POZ 3525	35/39x25
		POZ 3530	35/39x30
		POZ 3535	35/39x35
		POZ 3540	35/39x40
		POZ 3545	35/39x45
		POZ 3550	35/39x50
		POZ 3610	36/40x10
		POZ 3612	36/40x12
		POZ 3615	36/40x15
		POZ 3620	36/40x20
		POZ 3625	36/40x25

POZ

Also available in inch sizes!

Art. Nr.	d / D x L	Art. Nr.	d / D x L	Art. Nr.	d / D x L
POZ 3630	36/40x30	POZ 5055	50/55x55	POZ 8560	85/90x60
POZ 3635	36/40x35	POZ 5060	50/55x60	POZ 8570	85/90x70
POZ 3640	36/40x40	POZ 5065	50/55x65	POZ 8580	85/90x80
POZ 3645	36/40x45	POZ 5070	50/55x70	POZ 8590	85/90x90
POZ 3650	36/40x50	POZ 5515	55/60x15	POZ 85100	85/90x100
POZ 3812	38/42x12	POZ 5520	55/60x20	POZ 9030	90/95x30
POZ 3815	38/42x15	POZ 5525	55/60x25	POZ 9040	90/95x40
POZ 3820	38/42x20	POZ 5530	55/60x30	POZ 9050	90/95x50
POZ 3825	38/42x25	POZ 5535	55/60x35	POZ 9060	90/95x60
POZ 3830	38/42x30	POZ 5540	55/60x40	POZ 9070	90/95x70
POZ 3835	38/42x35	POZ 5545	55/60x45	POZ 9080	90/95x80
POZ 3840	38/42x40	POZ 5550	55/60x50	POZ 9090	90/95x90
POZ 3845	38/42x45	POZ 5555	55/60x55	POZ 90100	90/95x100
POZ 3850	38/42x50	POZ 5560	55/60x60	POZ 9530	95/100x30
POZ 3855	38/42x55	POZ 5565	55/60x65	POZ 9540	95/100x40
POZ 3860	38/42x60	POZ 5570	55/60x70	POZ 9550	95/100x50
POZ 4012	40/44x12	POZ 6015	60/65x15	POZ 9560	95/100x60
POZ 4015	40/44x15	POZ 6020	60/65x20	POZ 9570	95/100x70
POZ 4020	40/44x20	POZ 6025	60/65x25	POZ 9580	95/100x80
POZ 4025	40/44x25	POZ 6030	60/65x30	POZ 9590	95/100x90
POZ 4030	40/44x30	POZ 6035	60/65x35	POZ 95100	95/100x100
POZ 4035	40/44x35	POZ 6040	60/65x40	POZ 10030	100/105x30
POZ 4040	40/44x40	POZ 6045	60/65x45	POZ 10040	100/105x40
POZ 4045	40/44x45	POZ 6050	60/65x50	POZ 10050	100/105x50
POZ 4050	40/44x50	POZ 6055	60/65x55	POZ 10060	100/105x60
POZ 4055	40/44x55	POZ 6060	60/65x60	POZ 10070	100/105x70
POZ 4060	40/44x60	POZ 6065	60/65x65	POZ 10080	100/105x80
POZ 4212	42/46x12	POZ 6070	60/65x70	POZ 10090	100/105x90
POZ 4215	42/46x15	POZ 6075	60/65x75	POZ 100100	100/105x100
POZ 4220	42/46x20	POZ 6080	60/65x80	POZ 100115	100/105x115
POZ 4225	42/46x25	POZ 6085	60/65x85	POZ 10550	105/110x50
POZ 4230	42/46x30	POZ 6090	60/65x90	POZ 10560	105/110x60
POZ 4235	42/46x35	POZ 6515	65/70x15	POZ 10570	105/110x70
POZ 4240	42/46x40	POZ 6520	65/70x20	POZ 10580	105/110x80
POZ 4245	42/46x45	POZ 6530	65/70x30	POZ 10590	105/110x90
POZ 4250	42/46x50	POZ 6540	65/70x40	POZ 105100	105/110x100
POZ 4255	42/46x55	POZ 6550	65/70x50	POZ 105115	105/110x115
POZ 4260	42/46x60	POZ 6560	65/70x60	POZ 11050	110/115x50
POZ 4412	44/48x12	POZ 6570	65/70x70	POZ 11060	110/115x60
POZ 4415	44/48x15	POZ 6580	65/70x80	POZ 11070	110/115x70
POZ 4420	44/48x20	POZ 6590	65/70x90	POZ 11080	110/115x80
POZ 4425	44/48x25	POZ 7020	70/75x20	POZ 11090	110/115x90
POZ 4430	44/48x30	POZ 7030	70/75x30	POZ 110100	110/115x100
POZ 4435	44/48x35	POZ 7040	70/75x40	POZ 110115	110/115x115
POZ 4440	44/48x40	POZ 7050	70/75x50	POZ 11550	115/120x50
POZ 4445	44/48x45	POZ 7060	70/75x60	POZ 11560	115/120x60
POZ 4450	44/48x50	POZ 7070	70/75x70	POZ 11570	115/120x70
POZ 4455	44/48x55	POZ 7080	70/75x80	POZ 11580	115/120x80
POZ 4460	44/48x60	POZ 7090	70/75x90	POZ 11590	115/120x90
POZ 4515	45/50x15	POZ 7530	75/80x30	POZ 115100	115/120x100
POZ 4520	45/50x20	POZ 7540	75/80x40	POZ 115115	115/120x115
POZ 4525	45/50x25	POZ 7550	75/80x50	POZ 12050	120/125x50
POZ 4530	45/50x30	POZ 7560	75/80x60	POZ 12060	120/125x60
POZ 4535	45/50x35	POZ 7570	75/80x70	POZ 12070	120/125x70
POZ 4540	45/50x40	POZ 7580	75/80x80	POZ 12080	120/125x80
POZ 4545	45/50x45	POZ 7590	75/80x90	POZ 12090	120/125x90
POZ 4550	45/50x50	POZ 8030	80/85x30	POZ 120100	120/125x100
POZ 4555	45/50x55	POZ 8040	80/85x40	POZ 120120	120/125x120
POZ 4560	45/50x60	POZ 8050	80/85x50	POZ 12550	125/130x50
POZ 5015	50/55x15	POZ 8060	80/85x60	POZ 12560	125/130x60
POZ 5020	50/55x20	POZ 8070	80/85x70	POZ 12570	125/130x70
POZ 5025	50/55x25	POZ 8080	80/85x80	POZ 12580	125/130x80
POZ 5030	50/55x30	POZ 8090	80/85x90	POZ 12590	125/130x90
POZ 5035	50/55x35	POZ 80100	80/85x100	POZ 125100	125/130x100
POZ 5040	50/55x40	POZ 8530	85/90x30	POZ 125115	125/130x115
POZ 5045	50/55x45	POZ 8540	85/90x40	POZ 13060	130/135x60
POZ 5050	50/55x50	POZ 8550	85/90x50	POZ 13070	130/135x70

POZ

Also available in inch sizes!

Art. Nr.	d / D x L	Art. Nr.	d / D x L	Art. Nr.	d / D x L
POZ 13080	130/135x80	POZ 175110	175/180x110	POZ 21080	210/215x80
POZ 13090	130/135x90	POZ 175120	175/180x120	POZ 21090	210/215x90
POZ 130100	130/135x100	POZ 175130	175/180x130	POZ 210100	210/215x100
POZ 130120	130/135x120	POZ 175140	175/180x140	POZ 210110	210/215x110
POZ 13560	135/140x60	POZ 175150	175/180x150	POZ 210120	210/215x120
POZ 13570	135/140x70	POZ 18060	180/185x60	POZ 210130	210/215x130
POZ 13580	135/140x80	POZ 18070	180/185x70	POZ 210140	210/215x140
POZ 13590	135/140x90	POZ 18080	180/185x80	POZ 210150	210/215x150
POZ 135100	135/140x100	POZ 18090	180/185x90	POZ 21560	215/220x60
POZ 135120	135/140x120	POZ 180100	180/185x100	POZ 21570	215/220x70
POZ 14060	140/145x60	POZ 180110	180/185x110	POZ 21580	215/220x80
POZ 14070	140/145x70	POZ 180120	180/185x120	POZ 21590	215/220x90
POZ 14080	140/145x80	POZ 180130	180/185x130	POZ 215100	215/220x100
POZ 14090	140/145x90	POZ 180140	180/185x140	POZ 215110	215/220x110
POZ 140100	140/145x100	POZ 180150	180/185x150	POZ 215120	215/220x120
POZ 14560	145/150x60	POZ 18560	185/190x60	POZ 215130	215/220x130
POZ 14570	145/150x70	POZ 18570	185/190x70	POZ 215140	215/220x140
POZ 14580	145/150x80	POZ 18580	185/190x80	POZ 215150	215/220x150
POZ 14590	145/150x90	POZ 18590	185/190x90	POZ 22060	220/225x60
POZ 145100	145/150x100	POZ 185100	185/190x100	POZ 22070	220/225x70
POZ 145120	145/150x120	POZ 185110	185/190x110	POZ 22080	220/225x80
POZ 15060	150/155x60	POZ 185120	185/190x120	POZ 22090	220/225x90
POZ 15070	150/155x70	POZ 185130	185/190x130	POZ 220100	220/225x100
POZ 15080	150/155x80	POZ 185140	185/190x140	POZ 220110	220/225x110
POZ 15090	150/155x90	POZ 185150	185/190x150	POZ 220120	220/225x120
POZ 150100	150/155x100	POZ 19060	190/195x60	POZ 220130	220/225x130
POZ 15550	155/160x50	POZ 19070	190/195x70	POZ 220140	220/225x140
POZ 15560	155/160x60	POZ 19080	190/195x80	POZ 220150	220/225x150
POZ 15570	155/160x70	POZ 19090	190/195x90	POZ 22560	225/230x60
POZ 15580	155/160x80	POZ 190100	190/195x100	POZ 22570	225/230x70
POZ 15590	155/160x90	POZ 190110	190/195x110	POZ 22580	225/230x80
POZ 155100	155/160x100	POZ 190120	190/195x120	POZ 22590	225/230x90
POZ 16060	160/165x60	POZ 190130	190/195x130	POZ 225100	225/230x100
POZ 16070	160/165x70	POZ 190140	190/195x140	POZ 225110	225/230x110
POZ 16080	160/165x80	POZ 190150	190/195x150	POZ 225120	225/230x120
POZ 16090	160/165x90	POZ 19560	195/200x60	POZ 225130	225/230x130
POZ 160100	160/165x100	POZ 19570	195/200x70	POZ 225140	225/230x140
POZ 160110	160/165x110	POZ 19580	195/200x80	POZ 23060	230/235x60
POZ 160120	160/165x120	POZ 19590	195/200x90	POZ 23070	230/235x70
POZ 160130	160/165x130	POZ 195100	195/200x100	POZ 23080	230/235x80
POZ 160140	160/165x140	POZ 195110	195/200x110	POZ 23090	230/235x90
POZ 160150	160/165x150	POZ 195120	195/200x120	POZ 230100	230/235x100
POZ 16560	165/170x60	POZ 195130	195/200x130	POZ 230110	230/235x110
POZ 16570	165/170x70	POZ 195140	195/200x140	POZ 230120	230/235x120
POZ 16580	165/170x80	POZ 195150	195/200x150	POZ 230130	230/235x130
POZ 16590	165/170x90	POZ 20060	200/205x60	POZ 230140	230/235x140
POZ 165100	165/170x100	POZ 20070	200/205x70	POZ 230150	230/235x150
POZ 165110	165/170x110	POZ 20080	200/205x80	POZ 23560	235/240x60
POZ 165120	165/170x120	POZ 20090	200/205x90	POZ 23570	235/240x70
POZ 165130	165/170x130	POZ 200100	200/205x100	POZ 23580	235/240x80
POZ 165140	165/170x140	POZ 200110	200/205x110	POZ 23590	235/240x90
POZ 165150	165/170x150	POZ 200120	200/205x120	POZ 235100	235/240x100
POZ 17060	170/175x60	POZ 200130	200/205x130	POZ 235110	235/240x110
POZ 17070	170/175x70	POZ 200140	200/205x140	POZ 235120	235/240x120
POZ 17080	170/175x80	POZ 200150	200/205x150	POZ 235130	235/240x130
POZ 17090	170/175x90	POZ 20560	205/210x60	POZ 235140	235/240x140
POZ 170100	170/175x100	POZ 20570	205/210x70	POZ 235150	235/240x150
POZ 170110	170/175x110	POZ 20580	205/210x80	POZ 24060	240/245x60
POZ 170120	170/175x120	POZ 20590	205/210x90	POZ 24070	240/245x70
POZ 170130	170/175x130	POZ 205100	205/210x100	POZ 24080	240/245x80
POZ 170140	170/175x140	POZ 205110	205/210x110	POZ 24090	240/245x90
POZ 170150	170/175x150	POZ 205120	205/210x120	POZ 240100	240/245x100
POZ 17560	175/180x60	POZ 205130	205/210x130	POZ 240110	240/245x110
POZ 17570	175/180x70	POZ 205140	205/210x140	POZ 240120	240/245x120
POZ 17580	175/180x80	POZ 205150	205/210x150	POZ 240130	240/245x130
POZ 17590	175/180x90	POZ 21060	210/215x60	POZ 240140	240/245x140
POZ 175100	175/180x100	POZ 21070	210/215x70	POZ 240150	240/245x150

POZ

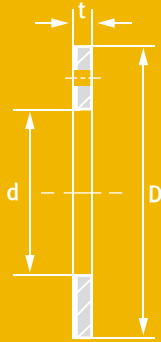
Also available in inch sizes!

Art. Nr.	d / D x L	Art. Nr.	d / D x L
POZ 24560	245/250x60	POZ 275130	275/280x130
POZ 24570	245/250x70	POZ 275140	275/280x140
POZ 24580	245/250x80	POZ 275150	275/280x150
POZ 24590	245/250x90	POZ 28060	280/285x60
POZ 245100	245/250x100	POZ 28070	280/285x70
POZ 245110	245/250x110	POZ 28080	280/285x80
POZ 245120	245/250x120	POZ 28090	280/285x90
POZ 245130	245/250x130	POZ 280100	280/285x100
POZ 245140	245/250x140	POZ 280110	280/285x110
POZ 245150	245/250x150	POZ 280120	280/285x120
POZ 25060	250/255x60	POZ 280130	280/285x130
POZ 25070	250/255x70	POZ 280140	280/285x140
POZ 25080	250/255x80	POZ 280150	280/285x150
POZ 25090	250/255x90	POZ 28560	285/290x60
POZ 250100	250/255x100	POZ 28570	285/290x70
POZ 250110	250/255x110	POZ 28580	285/290x80
POZ 250120	250/255x120	POZ 28590	285/290x90
POZ 250130	250/255x130	POZ 285100	285/290x100
POZ 250140	250/255x140	POZ 285110	285/290x110
POZ 250150	250/255x150	POZ 285120	285/290x120
POZ 25560	255/260x60	POZ 285130	285/290x130
POZ 25570	255/260x70	POZ 285140	285/290x140
POZ 25580	255/260x80	POZ 285150	285/290x150
POZ 25590	255/260x90	POZ 29060	290/295x60
POZ 255100	255/260x100	POZ 29070	290/295x70
POZ 255110	255/260x110	POZ 29080	290/295x80
POZ 255120	255/260x120	POZ 29090	290/295x90
POZ 255130	255/260x130	POZ 290100	290/295x100
POZ 255140	255/260x140	POZ 290110	290/295x110
POZ 255150	255/260x150	POZ 290120	290/295x120
POZ 26060	260/265x60	POZ 290130	290/295x130
POZ 26070	260/265x70	POZ 290140	290/295x140
POZ 26080	260/265x80	POZ 290150	290/295x150
POZ 26090	260/265x90	POZ 29560	295/300x60
POZ 260100	260/265x100	POZ 29570	295/300x70
POZ 260110	260/265x110	POZ 29580	295/300x80
POZ 260120	260/265x120	POZ 29590	295/300x90
POZ 260130	260/265x130	POZ 295100	295/300x100
POZ 260140	260/265x140	POZ 295110	295/300x110
POZ 260150	260/265x150	POZ 295120	295/300x120
POZ 26560	265/270x60	POZ 295130	295/300x130
POZ 26570	265/270x70	POZ 295140	295/300x140
POZ 26580	265/270x80	POZ 295150	295/300x150
POZ 26590	265/270x90	POZ 30060	300/305x60
POZ 265100	265/270x100	POZ 30070	300/305x70
POZ 265110	265/270x110	POZ 30080	300/305x80
POZ 265120	265/270x120	POZ 30090	300/305x90
POZ 265130	265/270x130	POZ 300100	300/305x100
POZ 265140	265/270x140	POZ 300110	300/305x110
POZ 265150	265/270x150	POZ 300120	300/305x120
POZ 27060	270/275x60	POZ 300130	300/305x130
POZ 27070	270/275x70	POZ 300140	300/305x140
POZ 27080	270/275x80	POZ 300150	300/305x150
POZ 27090	270/275x90		
POZ 270100	270/275x100		
POZ 270110	270/275x110		
POZ 270120	270/275x120		
POZ 270130	270/275x130		
POZ 270140	270/275x140		
POZ 270150	270/275x150		
POZ 27560	275/280x60		
POZ 27570	275/280x70		
POZ 27580	275/280x80		
POZ 27590	275/280x90		
POZ 275100	275/280x100		
POZ 275110	275/280x110		
POZ 275120	275/280x120		

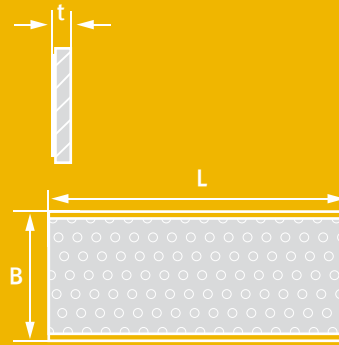
POA, POS

Also available in inch sizes!

POA Thrust washer



POS Strips



Art. Nr.	d / D x t	Art. Nr.	B x L x t
POA 10/1	10/20x1,5	POS 10200	200 x 500 x 1,0
POA 12/1	12/24x1,5	POS 15200	200 x 500 x 1,5
POA 14/1	14/26x1,5	POS 20200	200 x 500 x 2,0
POA 16/1	16/30x1,5	POS 25200	200 x 500 x 2,5
POA 18/1	18/32x1,5	POS 30200	200 x 500 x 3,0
POA 20/1	20/36x1,5		
POA 22/1	22/38x1,5		
POA 24/1	24/42x1,5		
POA 26/1	26/44x1,5		
POA 28/1	28/48x1,5		
POA 32/1	32/54x1,5		
POA 38/1	38/62x1,5		
POA 42/1	42/66x1,5		
POA 48/2	48/74x2		
POA 52/2	52/78x2		
POA 62/2	62/90x2		