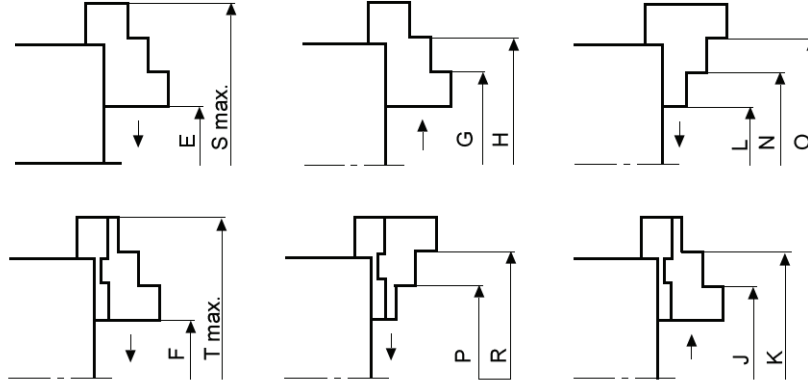
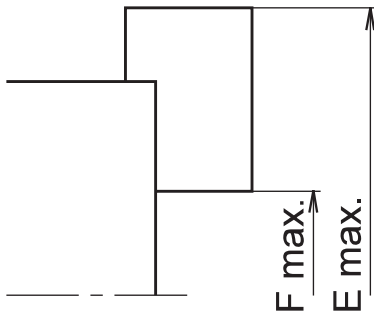


UNİVERSAL TORNA AYNALARI SIKMA KAPASİTELERİ VE MAKSİMUM DEVİRLERİ

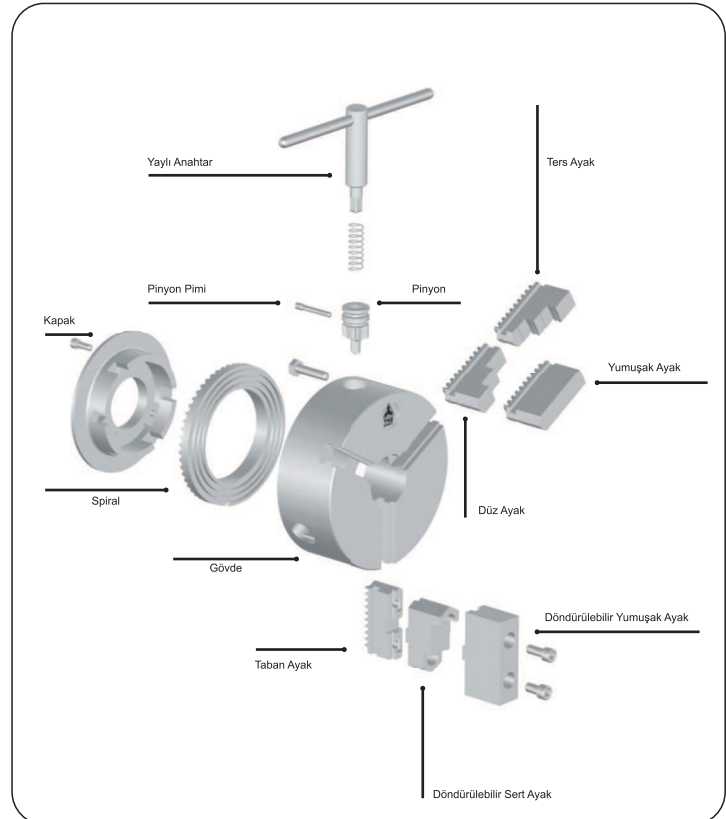


Ø	E	F	G	H	J	K	L	N	O	P	R	BİRİM mm	
												S max.	T max.
80	3-27	-	23-48	48-73	-	-	3-27	27-51	52-76	-	-	98	-
100	3-39	3-45	24-60	58-94	25-67	60-102	3-39	30-66	64-100	42-72	77-107	122	130
125	3-49	3-47	30-75	70-116	28-74	69-115	3-49	38-84	83-125	50-95	90-136	152	163
160	3-76	3-76	46-119	87-160	35-108	91-166	3-76	50-123	91-164	51-128	109-185	208	218
200	5-88	5-83	56-140	116-200	46-125	105-185	5-88	57-140	117-200	69-148	127-207	246	254
250	5-107	5-125	68-162	156-250	60-183	124-247	5-107	66-168	154-256	83-206	147-270	314	328
315	8-136	8-131	74-201	188-315	65-193	145-273	8-131	79-207	193-321	99-225	174-305	392	382
400	10-187	10-187	90-268	223-400	105-282	173-350	10-187	92-274	224-406	118-290	189-358	498	454
500	25-250	25-250	135-360	275-500	135-411	201-477	25-250	135-360	275-500	125-447	191-513	626	579

YUMUŞAK AYAK SIKMA KAPASİTELERİ



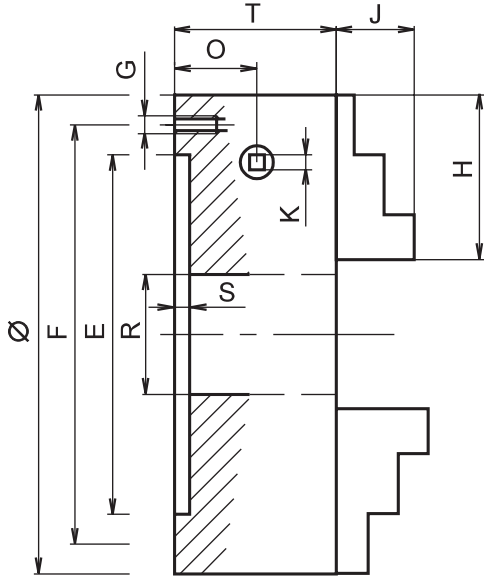
Ø	E max.	F max.
80	98	24
100	122	36
125	152	46
160	208	72
200	246	84
250	314	104
315	392	144
400	498	192
500	626	256



## 3 AYAKLI AYNALAR

### ÖZELLİKLER

- 3 AYAKLI MERKEZİ SIKMALI UNİVERSAL TORNA AYNASI
- YÜKSEK KALİTELİ DÖKÜM GÖVDE
- UNİVERSAL TORNA TEZGAHLARINDA FENER MİLİNE FLANŞ İLE BAĞLANIR
- FREZELER, DİVİZÖRLER VE TABLALARDA KULLANILIR



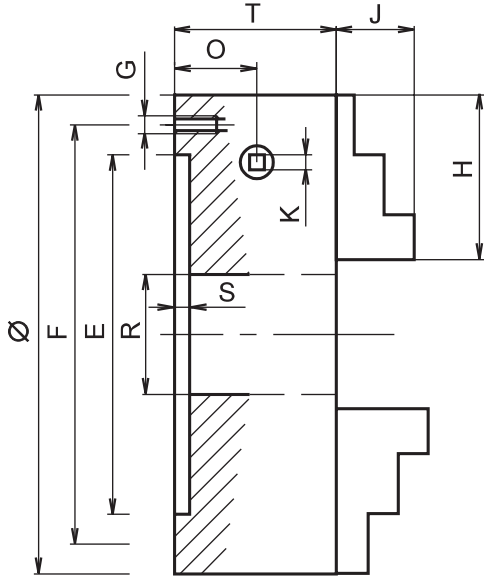
KOD	Ø	E H6	F±0,2	G	H	J	K	O	S	T	R	Kg	max d/d	BİRİM mm
														FİYAT KODU
TOS.IUS.	80	63	70	3×M5	35,5	13	6	16,5	3	45	17	1,20	6000	14349
TOS.IUS.	100	80	90	3×M6	41,5	17	8	18,0	3	52	23	2,25	5300	14350
TOS.IUS.	125	100	110	3×M8	51,5	19	8	22,0	4	58	28	3,90	4500	14351
TOS.IUS.	160	130	143	3×M8	66,0	23	9	22,0	4	62	48	6,70	3500	14352
TOS.IUS.	200	162	180	3×M10	74,0	29	11	27,5	5	76	52	13,80	3000	14353
TOS.IUS.	250	210	226	3×M10	97,5	33	12	29,5	5	82	78	21,80	2800	14354
TOS.IUS.	315	265	290	4×M12	123,0	40	14	35,0	6	100	108	41,60	1800	14355
TOS.IUS.	400	350	375	6×M12	152,5	50	17	39,0	7	110	144	75,00	1300	14356
TOS.IUS.	500	420	458	6×M16	188,5	54	17	43,0	8	120	190	140,00	1100	14357

STANDART AKSESUARLAR	1 TAKIM DÜZ AYAK	1 TAKIM TERS AYAK	1 ADET ANAHTAR	FLANŞ BAĞLAMA CIVATATASI	İSTEĞE BAĞLI AKSESUARLAR	1 TAKIM YUMUŞAK AYAK	AYNA BAĞLAMA FLANŞI

## 4 AYAKLI AYNALAR

### ÖZELLİKLER

- 4 AYAKLI MERKEZİ SIKMALI UNİVERSAL TORNA AYNASI
- YÜKSEK KALİTELİ DÖKÜM GÖVDE
- UNİVERSAL TORNA TEZGAHLARINDA FENER MİLİNE FLANŞ İLE BAĞLANIR
- FREZELER, DİVİZÖRLER VE TABLALARDA KULLANILIR



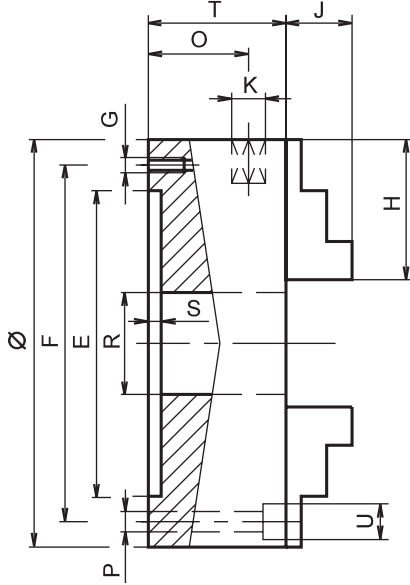
KOD	Ø	E H6	F±0,2	G	H	J	K	O	S	T	R	KG	max d/d	BİRİM mm
														FİYAT KODU
TOS.IUS.	80	63	70	3×M5	35,5	13	6	16,5	3	45	17	1,25	6000	14358
TOS.IUS.	100	80	90	3×M6	41,5	17	8	18,0	3	52	23	2,30	5300	14359
TOS.IUS.	125	100	110	3×M8	51,5	19	8	22,0	4	58	28	4,00	4500	14360
TOS.IUS.	160	130	143	3×M8	66,0	23	9	22,0	4	62	48	6,80	3500	14361
TOS.IUS.	200	162	180	3×M10	74,0	29	11	27,5	5	76	52	14,00	3000	14362
TOS.IUS.	250	210	226	3×M10	97,5	33	12	29,5	5	82	78	22,20	2800	14363
TOS.IUS.	315	265	290	4×M12	123,0	40	14	35,0	6	100	108	42,50	1800	14364
TOS.IUS.	400	350	375	6×M12	152,5	50	17	39,0	7	110	144	76,10	1300	14365
TOS.IUS.	500	420	458	6×M16	188,5	54	17	43,0	8	120	190	142,00	1100	14366

STANDART AKSESUARLAR	1 TAKIM DÜZ AYAK	1 TAKIM TERS AYAK	1 ADET ANAHTAR	FLANŞ BAĞLAMA CIVATATASI	İSTEĞE BAĞLI AKSESUARLAR	1 TAKIM YUMUŞAK AYAK	AYNA BAĞLAMA FLANŞI




## KEPENKLİ AYNALAR

### ÖZELLİKLER

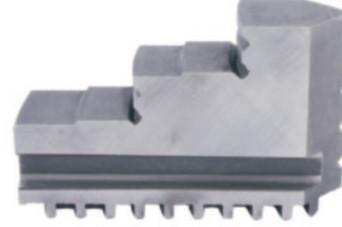
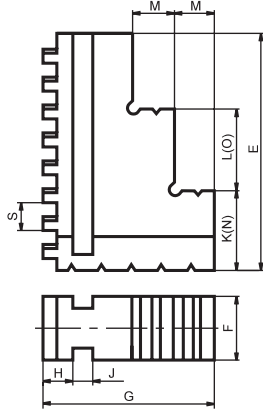
- 4 AYAKLI HER BİR AYAK BAĞIMSIZ OLARAK AYARLANABİLİR
- KARE, ÇOKGEN, DAİRESEL OLAN VEYA OLMAYAN PARÇALARIN İŞLENMESİNDE KULLANILIR
- UNİVERSAL TORNA TEZGAHLARINDA FENER MİLİNE FLANŞ İLE BAĞLANIR
- FREZELER, DİVİZÖRLER VE TABLALARDA KULLANILABİLİR.



KOD	Ø	E <sub>h7</sub>	F <sub>±0,2</sub>	G	H	J	K	O	P	R	S	T	U	Kg	max d/d	BİRİM mm
																FİYAT KODU
TOS.LUD.	85	62	72	—	34	17	6	20	4×7	25	4	42	11	1,60	4800	14367
TOS.LUD.	100	70	83	—	41	17	6	20	4×9	25	4	42	15	2,75	4200	14368
TOS.LUD.	125	95	108	—	51	19	8	21	4×9	28	4	44	15	4,85	3700	14369
TOS.LUD.	160	125	140	4×M10	47	22	8	32	4×11	45	4	54	17	7,32	3000	14370
TOS.LUD.	200	125	140	4×M10	75	32	12	44	4×11	50	4	72	17	15,42	2300	14371
TOS.LUD.	250	200	224	4×M12	75	32	12	44	4×13	60	5	72	20	23,80	1700	14372
TOS.LUD.	315	200	224	4×M12	100	36	14	49	4×13	75	5	80	20	44,50	1500	14373
TOS.LUD.	350	260	286	—	100	37	14	60	4×13	75	5	91	20	54,10	1300	14374
TOS.LUD.	400	260	286	—	100	37	14	60	4×13	75	5	91	20	57,50	1300	14375

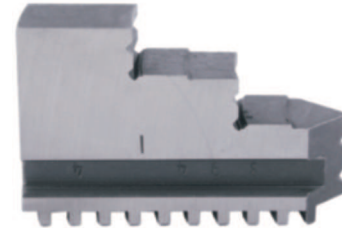
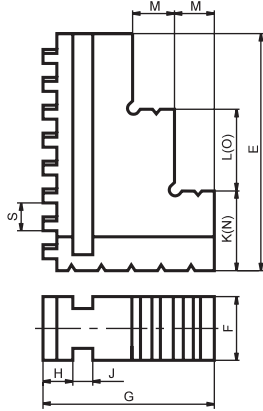
STANDART AKSESUARLAR	1 TAKIM AYAK	1 ADET ANAHTAR	FLANŞ BAĞLAMA CİVATATASI	İSTEĞE BAĞLI AKSESUARLAR	AYNA BAĞLAMA FLANŞI
					

UNİVERSAL TORNA AYNASI DÜZ AYAK TAKIMI ( 3 AYAKLI SET )



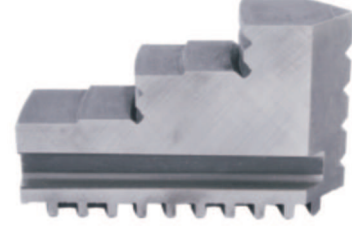
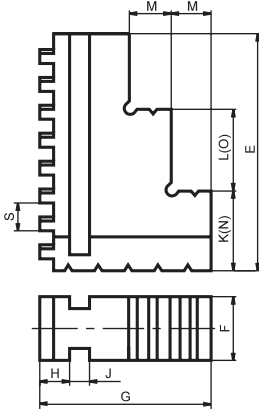
KOD	Ø	E	F	G	H	J	K	L	M	N	O	S	BİRİM mm	FİYAT KODU
TOS.SCV.	80	35,5	10	27	5,9	5	10,5	12,5	6	11,0	12,5	6		14376
TOS.SCV.	100	41,5	14	34	5,9	7	10,5	7,0	8	11,0	17,0	6		14377
TOS.SCV.	125	51,5	16	36	5,9	7	13,0	20,5	8	13,5	20,5	6		14378
TOS.SCV.	160	66,0	18	42	7,4	7	21,5	20,5	10	22,0	20,5	6		14379
TOS.SCV.	200	74,0	22	54	9,9	8	20,0	36,0	12	16,0	36,0	8		14380
TOS.SCV.	250	97,5	25	58	9,9	8	22,5	49,0	14	25,0	49,0	8		14381
TOS.SCV.	315	123,0	32	71	11,9	12	27,5	62,0	16	30,5	62,0	10		14382
TOS.SCV.	400	152,5	32	86	14,9	12	41,5	66,0	20	43,0	66,0	12		14383
TOS.SCV.	500	188,5	42	95	17,3	15	55,5	70,0	20	63,0	70,0	12		14384

UNİVERSAL TORNA AYNASI TERS AYAK TAKIMI ( 3 AYAKLI SET )



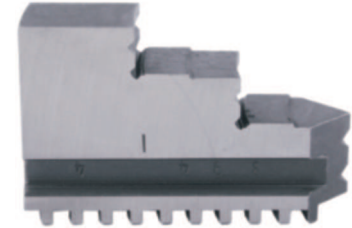
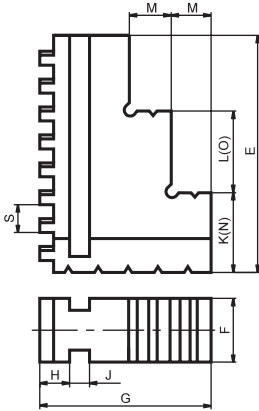
KOD	Ø	E	F	G	H	J	K	L	M	N	S	O	BİRİM mm	FİYAT KODU
TOS.SCN.	80	35,5	10	27	5,9	5	10,5	12,5	6	11,0	6	12,5		14385
TOS.SCN.	100	41,5	14	34	5,9	7	10,5	7,0	8	11,0	6	17,0		14386
TOS.SCN.	125	51,5	16	36	5,9	7	13,0	20,5	8	13,5	6	20,5		14387
TOS.SCN.	160	66,0	18	42	7,4	7	21,5	20,5	10	22,0	6	20,5		14388
TOS.SCN.	200	74,0	22	54	9,9	8	20,0	36,0	12	16,0	8	36,0		14389
TOS.SCN.	250	97,5	25	58	9,9	8	22,5	49,0	14	25,0	8	49,0		14390
TOS.SCN.	315	123,0	32	71	11,9	12	27,5	62,0	16	30,5	10	62,0		14391
TOS.SCN.	400	152,5	32	86	14,9	12	41,5	66,0	20	43,0	12	66,0		14392
TOS.SCN.	500	188,5	42	95	17,3	15	55,5	70,0	20	63,0	12	70,0		14393

## UNİVERSAL TORNA AYNASI DÜZ AYAK TAKIMI ( 4 AYAKLI SET )



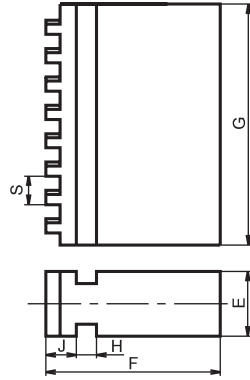
KOD	Ø	E	F	G	H	J	K	L	M	N	O	S	BİRİM mm
													FİYAT KODU
TOS.SCV.	80	35,5	10	27	5,9	5	10,5	12,5	6	11,0	12,5	6	14394
TOS.SCV.	100	41,5	14	34	5,9	7	10,5	7,0	8	11,0	17,0	6	14395
TOS.SCV.	125	51,5	16	36	5,9	7	13,0	20,5	8	13,5	20,5	6	14396
TOS.SCV.	160	66,0	18	42	7,4	7	21,5	20,5	10	22,0	20,5	6	14397
TOS.SCV.	200	74,0	22	54	9,9	8	20,0	36,0	12	16,0	36,0	8	14398
TOS.SCV.	250	97,5	25	58	9,9	8	22,5	49,0	14	25,0	49,0	8	14399
TOS.SCV.	315	123,0	32	71	11,9	12	27,5	62,0	16	30,5	62,0	10	14400
TOS.SCV.	400	152,5	32	86	14,9	12	41,5	66,0	20	43,0	66,0	12	14401
TOS.SCV.	500	188,5	42	95	17,3	15	55,5	70,0	20	63,0	70,0	12	14402

## UNİVERSAL TORNA AYNASI TERS AYAK TAKIMI ( 4 AYAKLI SET )



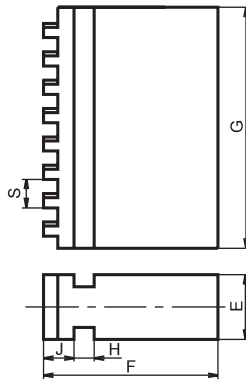
KOD	Ø	E	F	G	H	J	K	L	M	N	S	O	BİRİM mm
													FİYAT KODU
TOS.SCN.	80	35,5	10	27	5,9	5	10,5	12,5	6	11,0	6	12,5	14403
TOS.SCN.	100	41,5	14	34	5,9	7	10,5	7,0	8	11,0	6	17,0	14404
TOS.SCN.	125	51,5	16	36	5,9	7	13,0	20,5	8	13,5	6	20,5	14405
TOS.SCN.	160	66,0	18	42	7,4	7	21,5	20,5	10	22,0	6	20,5	14406
TOS.SCN.	200	74,0	22	54	9,9	8	20,0	36,0	12	16,0	8	36,0	14407
TOS.SCN.	250	97,5	25	58	9,9	8	22,5	49,0	14	25,0	8	49,0	14408
TOS.SCN.	315	123,0	32	71	11,9	12	27,5	62,0	16	30,5	10	62,0	14409
TOS.SCN.	400	152,5	32	86	14,9	12	41,5	66,0	20	43,0	12	66,0	14410
TOS.SCN.	500	188,5	42	95	17,3	15	55,5	70,0	20	63,0	12	70,0	14411

## UNİVERSAL TORNA AYNASI YUMUŞAK AYAK TAKIMI ( 3 AYAKLI SET )



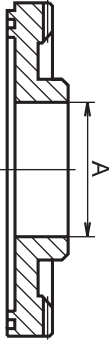
KOD	Ø	E	F	G	H	J	S	BİRİM mm
								FİYAT KODU
TOS.MC.	80	10	27,9	37,2	5	5,9	6	14412
TOS.MC.	100	14	34,9	43,2	7	5,9	6	14413
TOS.MC.	125	16	36,9	53,2	7	5,9	6	14414
TOS.MC.	160	18	43,1	67,9	7	7,4	6	14415
TOS.MC.	200	22	55,1	75,9	8	9,9	8	14416
TOS.MC.	250	25	59,1	99,4	8	9,9	8	14417
TOS.MC.	315	32	72,4	124,0	12	11,9	10	14418
TOS.MC.	400	32	87,4	153,5	12	14,9	12	14419
TOS.MC.	500	42	95,0	190,0	15	17,3	12	14420

## UNİVERSAL TORNA AYNASI YUMUŞAK AYAK TAKIMI ( 4 AYAKLI SET )



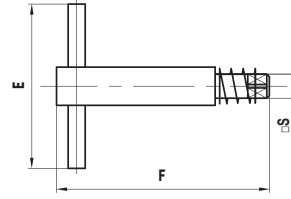
KOD	Ø	E	F	G	H	J	S	BİRİM mm
								FİYAT KODU
TOS.MC.	80	10	27,9	37,2	5	5,9	6	14421
TOS.MC.	100	14	34,9	43,2	7	5,9	6	14422
TOS.MC.	125	16	36,9	53,2	7	5,9	6	14423
TOS.MC.	160	18	43,1	67,9	7	7,4	6	14424
TOS.MC.	200	22	55,1	75,9	8	9,9	8	14425
TOS.MC.	250	25	59,1	99,4	8	9,9	8	14426
TOS.MC.	315	32	72,4	124,0	12	11,9	10	14427
TOS.MC.	400	32	87,4	153,5	12	14,9	12	14428
TOS.MC.	500	42	95,0	190,0	15	17,3	12	14429

## UNİVERSAL TORNA AYNA SİRALİ



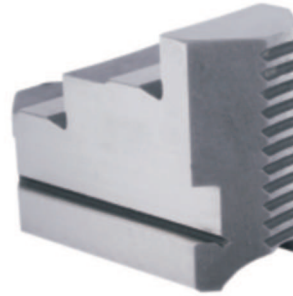
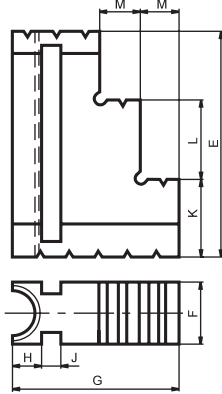
KOD	Ø	A	BİRİM mm
			FİYAT KODU
TOS.SPR.	80	30	14430
TOS.SPR.	100	40	14431
TOS.SPR.	125	50	14432
TOS.SPR.	160	84	14433
TOS.SPR.	200	100	14434
TOS.SPR.	250	132	14435
TOS.SPR.	315	168	14436
TOS.SPR.	400	225	14437
TOS.SPR.	500	270	14438

## UNİVERSAL TORNA AYNA ANAHTARI



KOD	Ø	E	F	S	BİRİM mm
					FİYAT KODU
TOS.ANH.	80	140	90	6	14439
TOS.ANH.	100	175	95	6	14440
TOS.ANH.	125	175	95	8	14441
TOS.ANH.	160	200	115	9	14442
TOS.ANH.	200	285	150	11	14443
TOS.ANH.	250	315	165	12	14444
TOS.ANH.	315	350	180	14	14445
TOS.ANH.	400	450	250	17	14446
TOS.ANH.	500	450	250	17	14447

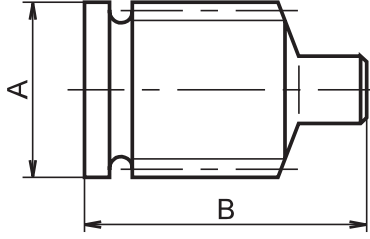
## KEPENKLİ AYNA AYAĞI ( 1 ADET )



KOD	Ø	E	F	G	H	J	K	L	M	BİRİM mm
										FİYAT KODU
TOS.LC.	85	34	14	34	5,9	7	9	9	8	14448
TOS.LC.	100	41	14	34	5,9	7	10	12	8	14449
TOS.LC.	125	51	16	36	5,9	7	10	12	8	14450
TOS.LC.	160	47	24	39	8,0	10,3	12	12	8	14451
TOS.LC.	200	75	32	54	11,0	12,3	28	28	12	14452
TOS.LC.	250	75	32	54	11,0	12,3	28	28	12	14453
TOS.LC.	315	100	36	63	12,0	15,3	35	35	14	14454
TOS.LC.	350	100	36	63	12,0	15,3	35	35	14	14455
TOS.LC.	400	100	36	63	12,0	15,3	35	35	14	14456

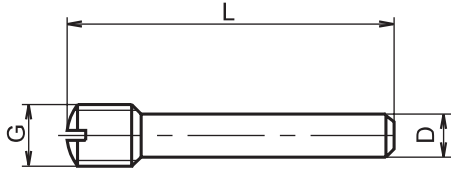


UNİVERSAL TORNA AYNASI PİNYONU / ADET



KOD	Ø	A	B	BİRİM mm
				FİYAT KODU
TOS.PNY.	80	20	28,5	14457
TOS.PNY.	100	22	34	14458
TOS.PNY.	125	22	43	14459
TOS.PNY.	160	25	43	14460
TOS.PNY.	200	27	59	14461
TOS.PNY.	250	33	66,5	14462
TOS.PNY.	315	40	84	14463
TOS.PNY.	400	44	102	14464
TOS.PNY.	500	44	129	14465

UNİVERSAL TORNA AYNASI PİNYON PİMİ / ADET



KOD	Ø	G	D	L	BİRİM mm
					FİYAT KODU
TOS.PİM.	80	M5	4,0	34	14466
TOS.PİM.	100	M5	4,0	34	14467
TOS.PİM.	125	M6	4,7	40	14468
TOS.PİM.	160	M6	4,7	40	14469
TOS.PİM.	200	M6	4,7	40	14470
TOS.PİM.	250	M6	4,7	45	14471
TOS.PİM.	315	M8	6,3	60	14472
TOS.PİM.	400	M10	8,1	66	14473
TOS.PİM.	500	M10	8,1	66	14474