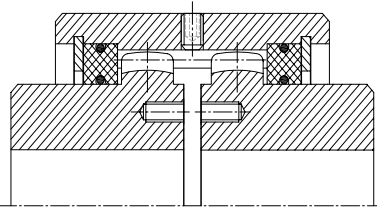
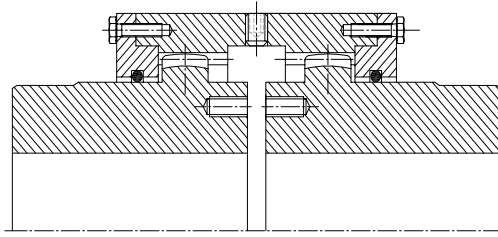


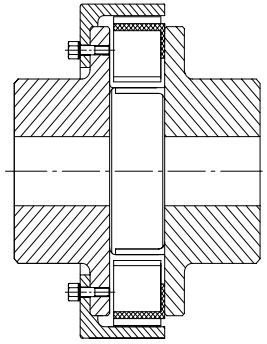
TIP 1 : DK 30 - DK 125
TYPE 1 : DK 30 -DK 125



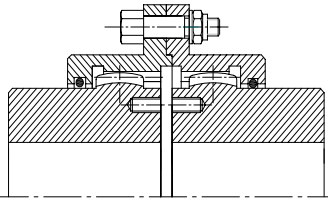
TIP 2 : DK 140 - DK 265
TYPE 2 : DK 140 - DK 265



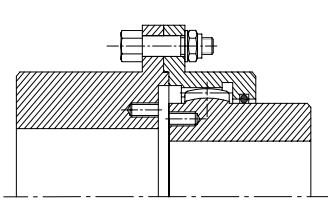
TIP : RUP
TYPE : RUP



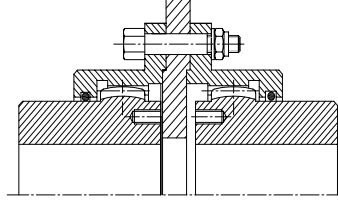
TIP : DKC
TYPE : DKC



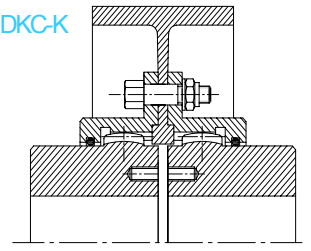
TIP : DKC-C
TYPE : DKC-C



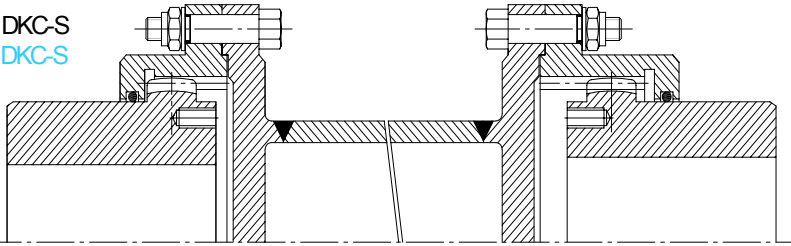
TIP : DKC-D
TYPE : DKC-D



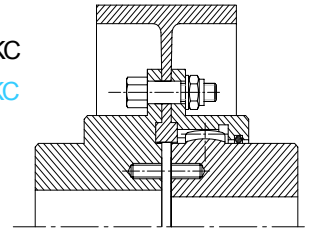
TIP : DKC-K
TYPE : DKC-K



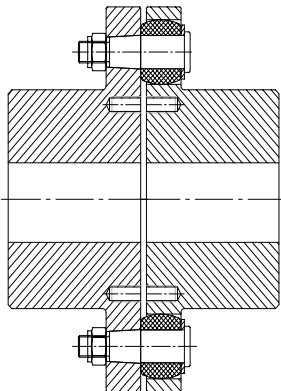
TIP : DKC-S
TYPE : DKC-S



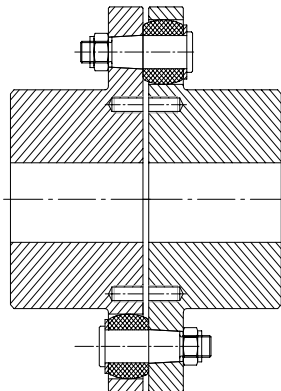
TIP : DKC-KC
TYPE : DKC-KC



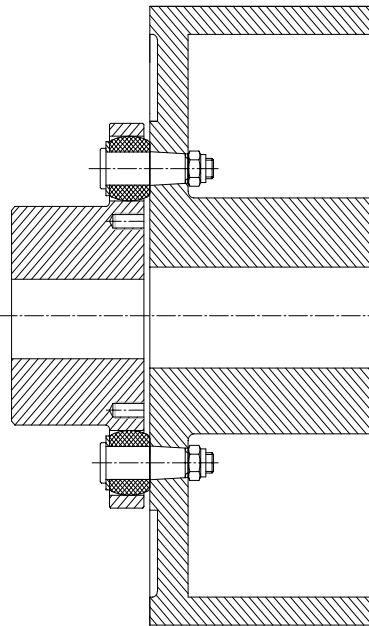
TIP 1 : RBS / RBG 150-360
TYPE 1 : RBS / RBG 150-360



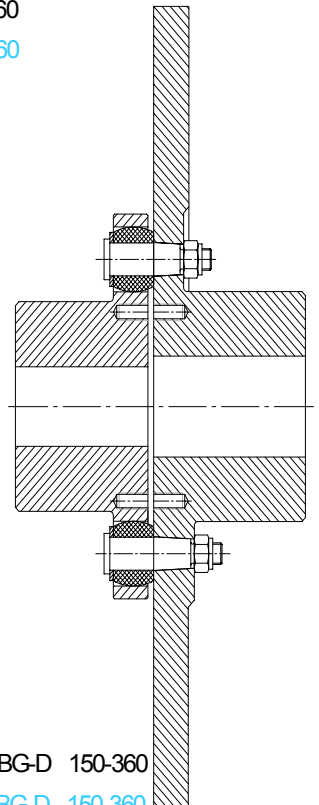
TIP 2 : RBS / RBG 400-1250
TYPE 2 : RBS / RBG 400-1250

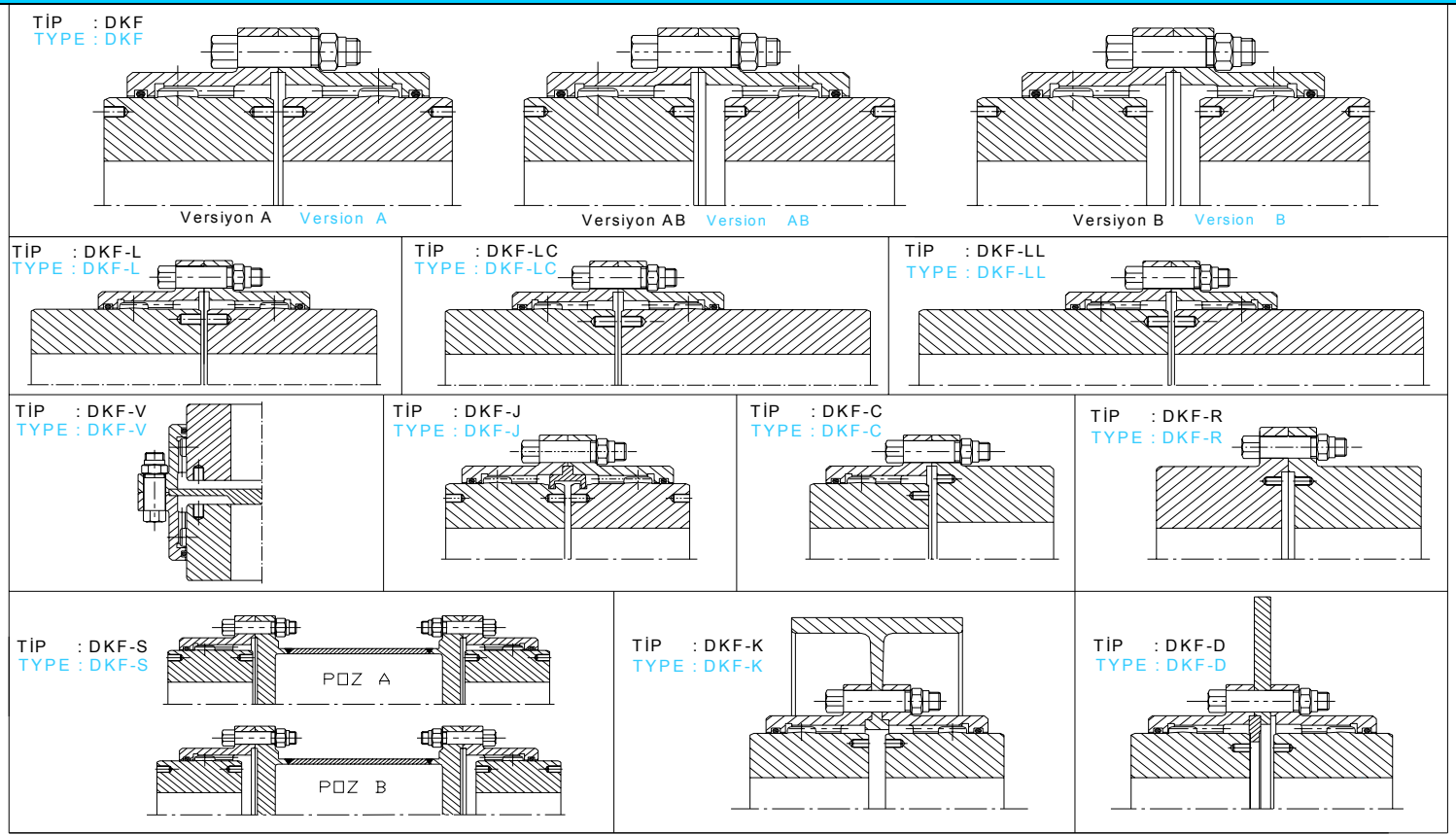


TIP 3 : RBS-K / RBG-K 150-360
TYPE 3 : RBS-K / RBG-K 150-360



TIP 4 : RBS-D / RBG-D 150-360
TYPE 4 : RBS-D / RBG-D 150-360





İÇİNDEKİLER

SAYFA

CONTENTS

PAGE

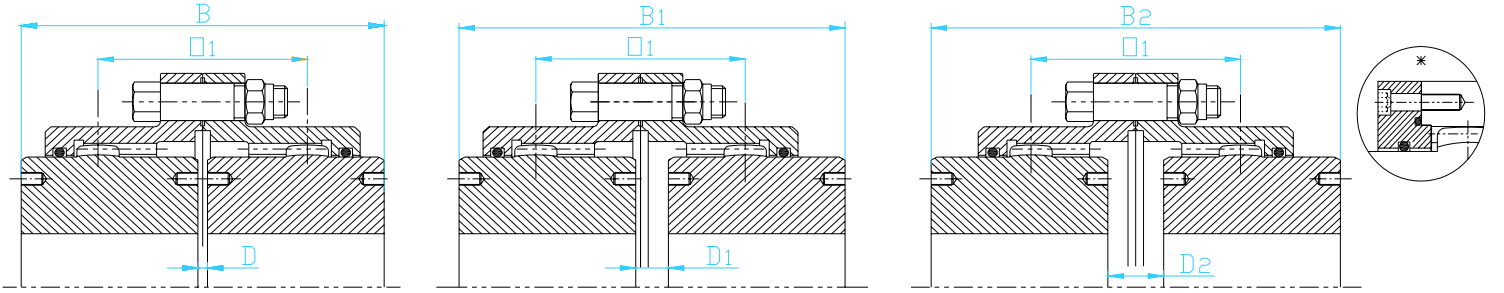
İÇİNDEKİLER	SAYFA	CONTENTS	PAGE
DK, DKC, RUBFLEX, RUP STANDART TİPLER	1	DK, DKC, RUBFLEX, RUP STANDARD TYPES	1
DKF STANDART TİPLER.....	2	TYPE STANDARD DKF	2
ÖLÇÜSEL TANITIM TABLOSU.....	3	DIMENSIONS DATA SHEET.....	3
ÇMS - DKF	4	ÇMS - DKF.....	4
ÇMS - DKF -S.....	5	ÇMS - DKF-S.....	5
ÇMS - DKF -L.....	6	ÇMS - DKF-L.....	6
ÇMS - DKF -LC.....	7	ÇMS - DKF-LC.....	7
ÇMS - DKF -LL.....	8	ÇMS - DKF-LL.....	8
ÇMS - DKF -C.....	9	ÇMS - DKF-C.....	9
ÇMS - DKF - R.....	10	ÇMS - DKF-R.....	10
ÇMS - DKF - D.....	11	ÇMS - DKF-D.....	11
ÇMS - DKF - K.....	12	ÇMS - DKF-K.....	12
ÇMS - DKF - V.....	13	ÇMS - DKF-V.....	13
ÇMS - DKF - J.....	14	ÇMS - DKF-J.....	14
DİŞLİ KAPLIN SEÇİM TABLOSU.....	15	HOW TO SELECT RIGHT COUPLING SIZE.....	15
MONTAJ VE BAKIM KILAVUZU	16	INSPECTION AND MAINTENANCE	16
MOTOR TİP. GÖRE KAPLIN SEÇİM TABLOSU	17	COUPLING ASSIGNMENT TO STANDART MOTORS	17
MİL, DELİK VE KAMA ÖLÇÜLERİ TABLOSU ISO R773. .	18	DIMENSIONS OF SHAFT, BORE AND PARALELL -ISO R773	18

DKF KAPLINLERİN SEÇİMİNDE VE KULLANIMINDA DİKKAT EDİLECEK HUSUSLAR

- Kaplinler, montaj ve diğer hataları telafi eden elemanlar değildir.
- Küçük çaplarda , yüksek moment ve hız ileten ,sistemdeki ağırlığı azaltan,kolay montaj edilebilen, pratik ve sorunsuz güç iletim elemanlarıdır.
- Seçtiğiniz kaplinin tablo değerindeki ,açısal,eksenel kaçıklıklara ve moment max delik çapına uygun olması gereklidir.
- Kaplinler aynı yönde çalışan,çoğunlukla yatay olarak kullanılan elemanlardır.Dikey çalışan sistemlerde özel dizayn kaplin tipinin seçilmesi gereklidir.
- Uzun ömürlü ve güvenli bir kullanım için yağlama ve bakım talimatlarına uymamız gereklidir.
- Tüm dönen elemanlarımızı muhafaza altına alınması gereklidir.

RECOMMENDED ATTENTIONS FOR SELECTION AND USAGE OF DKF COUPLINGS

- Coupling is not a component that recompenses assembly faults and the others.
- Coupling is functional and free of problems power transmission equipments that transmits high torque and high speed for little diameters.
- Axial and angular misalignment, maximum torque, suitable bore diameter of gear couplings that you select must be observed of the tolerance field.
- Couplings work as the same direction with the other components and work horizontal.
- Observe recommended lubricants, inspection and maintenance for safe and long lived usage
- Make sure you covered all the rotating components.

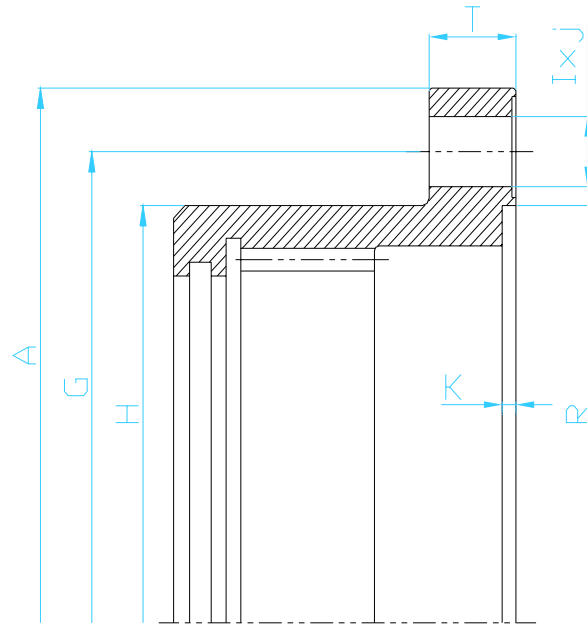


Versiyon A
Version A

Versiyon AB
Version AB

Versiyon B
Version B

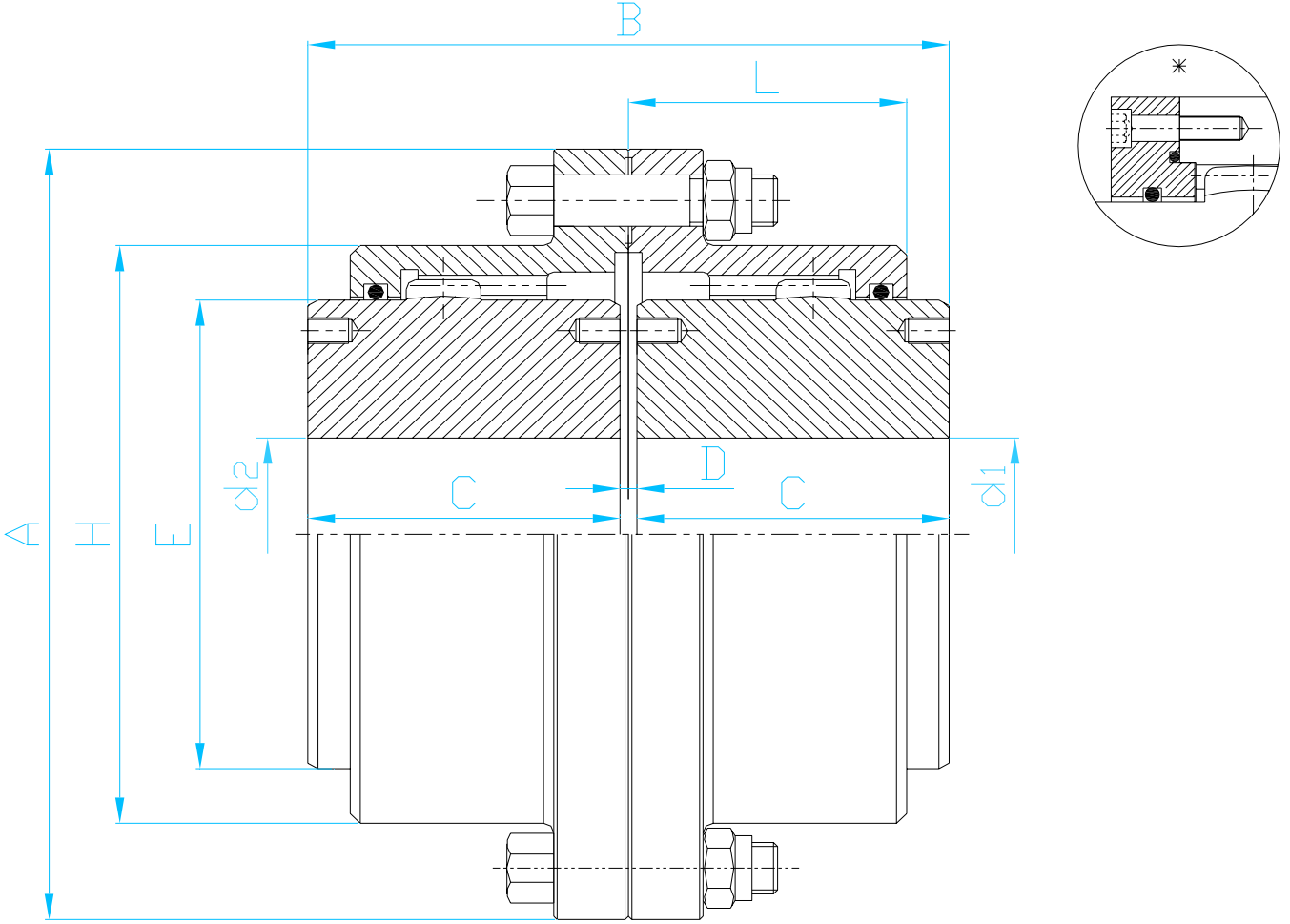
BOYUT SIZE	42	55	70	90	100	120	140	160	180	200	*220	*240	*280	*320
O ₁ mm	55	62	77	93	109	128	144	162	182	213	237	263	310	327
B mm	91	105	129	161	189	220	250	278	312	364	394	454	570	604
B ₁ mm	99	113	140	171	201	235	266	298	334	391	429	485	590	622
B ₂ mm	107	121	151	181	213	250	282	318	356	418	464	516	610	640
D mm	3	3	3	5	5	6	6	6	8	8	10	10	10	14
D ₁ mm	11	11	14	15	17	21	22	26	30	35	45	41	30	32
D ₂ mm	19	19	25	25	29	36	38	46	52	62	80	72	50	50



BOYUT SIZE	42	55	70	90	100	120	140	160	180	200	*220	*240	*280	*320
A	117	152	178	213	240	280	318	347	390	425.5	457	527	591	640
G	96	122	150	184	208	242	280	305	345	368	406	460	530	580
H	82	104	128	156	180	209	248	270	305	334	364	420	475	522
K	3	3	3	4	4	5	5	6	6	6	6	8	8	8
T	14	19	19	22	22	28,5	28,5	28,5	38	38	26	28,5	33	38
R	82	102	126	156	180	205	240	268	300	332	340	400	451	483
l	9	11	13	17	17	21	21	21	21	21	22	25	32	32
j	6	8	6	6	8	8	8	10	10	14	14	16	14	18

Maksimum müsaade edilebilir statik açısal kaçıklık $\pm 0,5^\circ \times 2$

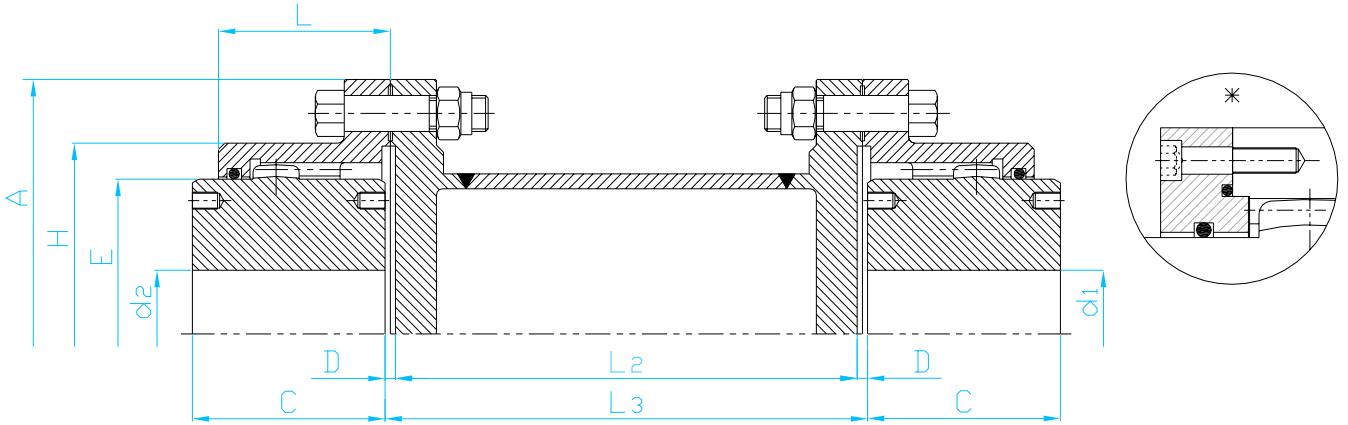
Max static angular misalignment is $\pm 0,5^\circ \times 2$



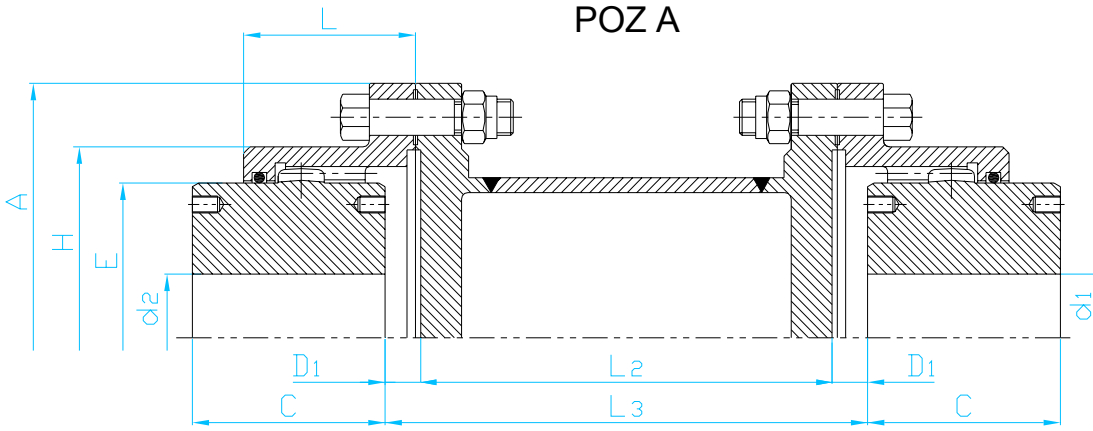
TİP TYPE	MOMENT TORQUE		ÖLÇÜLER DIMENSIONS (mm)									DEVİR d/d REVOLUTION rpm (max)	YAĞLAM A GRES MİKTARI LUBRICATI ON AMOUNT (gr)	AĞIRLIK WEIGHT (kg)
			DELİK BORE		A	B	C	D	E	H	L			
DKF	NOMİNAL NOMINAL (Nm)	MAX (Nm)	d ₁ & d ₂ min	d ₁ & d ₂ max										
BOYUT SIZE														
42	1 000	2 000	15	48	117	91	44	3	66	82	42	8300	30	4,4
55	2 200	4 400	20	60	152	105	51	3	86	104	49	7500	50	8,8
70	4 500	9 000	25	75	178	129	63	3	104	128	58	6500	90	14
90	7 000	14 000	30	98	213	161	78	5	130	156	68	6000	110	26
100	12 000	24 000	35	110	240	189	92	5	152	180	82	5400	190	36
120	18 000	36 000	40	130	280	220	107	6	178	209	98	4800	270	60
140	26 000	52 000	50	150	318	250	122	6	208	248	108	4100	420	90
160	35 000	70 000	65	170	347	278	136	6	230	270	120	3800	510	110
180	52 000	104 000	70	190	390	312	152	8	258	305	130	3500	760	150
200	70 000	165 000	80	210	425,5	364	178	8	283	334	150	3200	1000	210
*220	98 000	205 000	100	230	457	394	192	10	310	364	170	2900	1230	250
*240	140 000	270 000	140	260	527	454	222	10	350	420	195	2700	1700	370
*280	210 000	400 000	180	280	591	570	280	10	395	475	225	1900	3300	585
*320	260 000	500 000	200	320	640	604	295	14	432	522	234	1800	3800	740

Maksimum müsaade edilebilir statik açısal kaçıklık $\pm 0,5^\circ \times 2$

Max static angular misalignment is $\pm 0,5^\circ \times 2$



POZ A



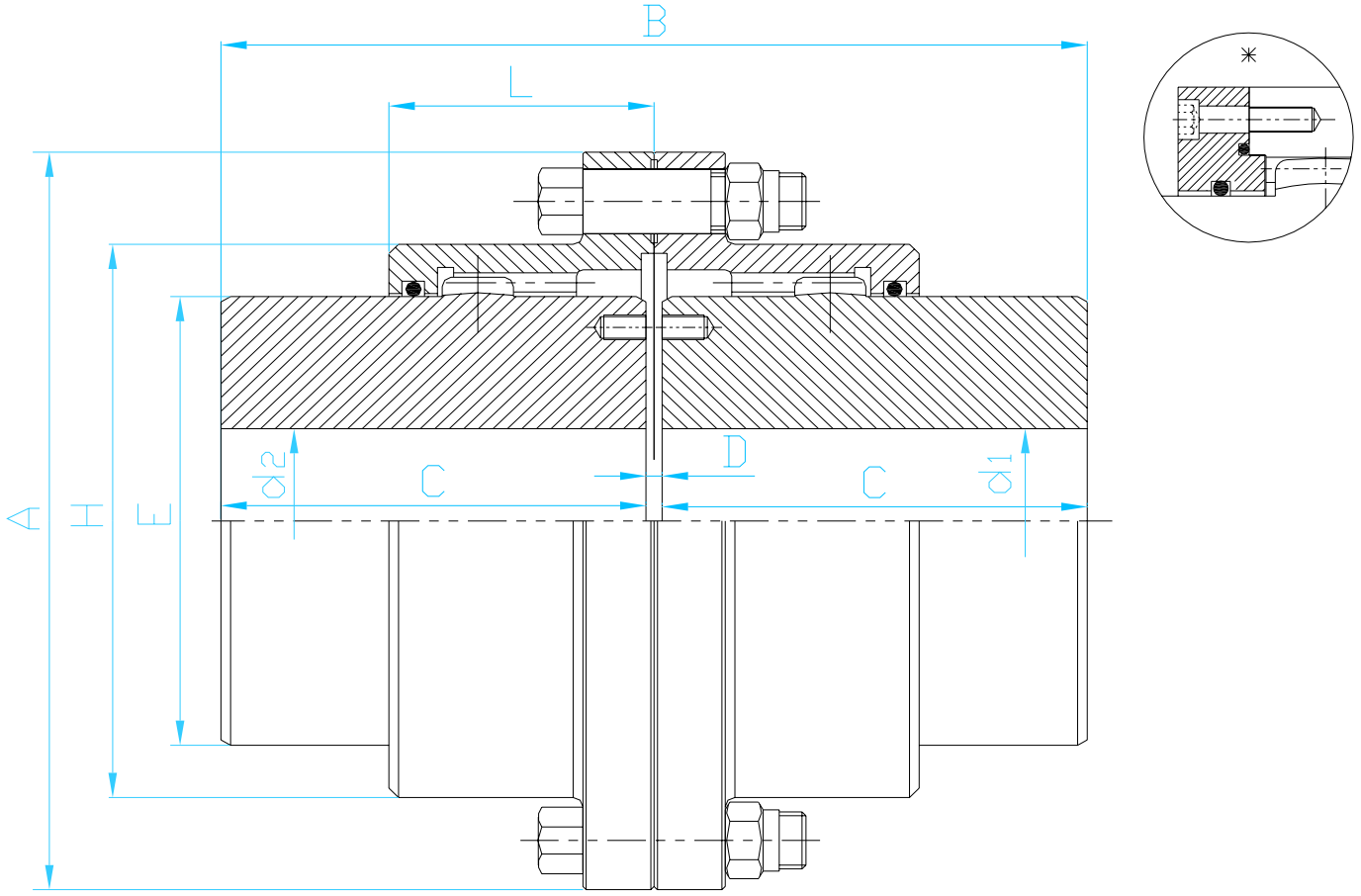
POZ B

TİP TYPE	MOMENT TORQUE		ÖLÇÜLER DIMENSIONS (mm)										DEVİR d/d REVOLU TION rpm (max)	YAĞLAM A GRES MIKTARI LUBRICA TION AMOUNT (gr)	AĞIRLIK WEIGHT (kg)		
			DELİK BORE		A	C	D	D ₁	E	H	L	L ₂				L ₂ min	L ₃
DKF-S	NOMİNAL NOMINAL (Nm)	MAX (Nm)	d ₁ & d ₂ min	d ₁ & d ₂ max													
42	1 000	2 000	15	48	117	44	3	11	66	82	42		76			50	4,4+Şaft
55	2 200	4 400	20	60	152	51	3	11	86	104	49		86			80	8,8+Şaft
70	4 500	9 000	25	75	178	63	3	14	104	128	58		96			140	14+Şaft
90	7 000	14 000	30	98	213	78	5	15	130	156	68		112			200	26+Şaft
100	12 000	24 000	35	110	240	92	5	17	152	180	82		112			360	36+Şaft
120	18 000	36 000	40	130	280	107	6	21	178	209	98		128			540	60+Şaft
140	26 000	52 000	50	150	318	122	6	22	208	248	108		128			840	90+Şaft
160	35 000	70 000	65	170	347	136	6	26	230	270	120		128			1000	110+Şaft
180	52 000	104 000	70	190	390	152	8	30	258	305	130		146			1540	150+Şaft
200	70 000	165 000	80	210	425	178	8	35	283	334	150		146			2000	210+Şaft
*220	98 000	205 000	100	230	457	192	10	45	310	364	170		146			2440	250+Şaft
*240	140 000	270 000	140	260	527	222	10	41	350	420	195		200			3300	370+Şaft
*280	210 000	400 000	180	280	591	280	10	30	395	475	225		240			6400	585+Şaft
*320	260 000	500 000	200	320	640	295	14	32	432	522	234		320			6800	740+Şaft

İstenilen ara şaft ölçüsü , ağırlığı , momenti, ve devrine göre seçilmelidir. (Speed nmax limited by weight and critical speed of spacer on request.)

Maksimum müsaade edilebilir statik açısal kaçıklık $\pm 0,5^\circ \times 2$

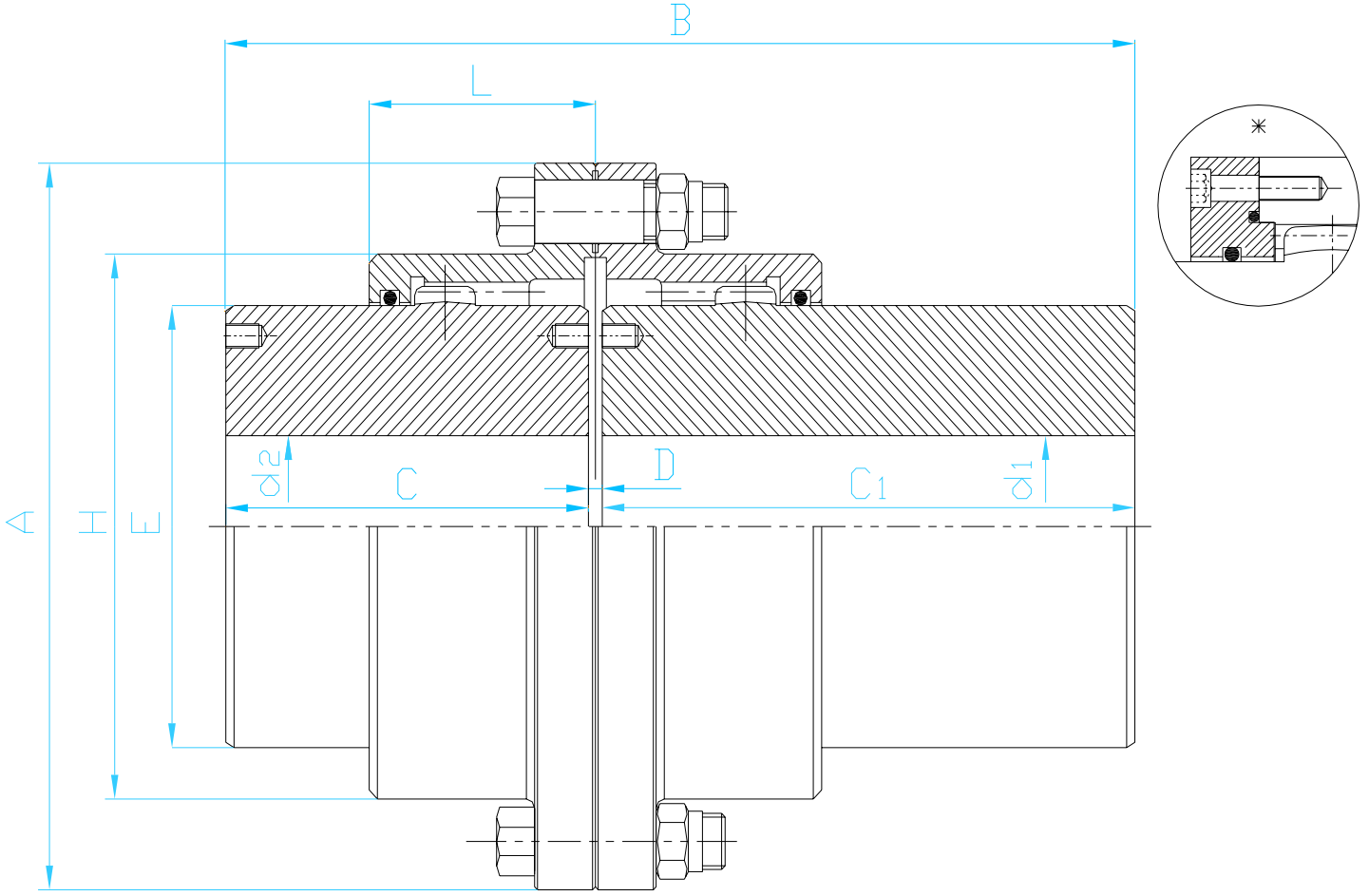
Max static angular misalignment is $\pm 0,5^\circ \times 2$



TİP TYPE	MOMENT TORQUE		ÖLÇÜLER DIMENSIONS (mm)									DEVİR d/d REVOLUTION rpm (max)	YAĞLAM A GRES MIKTARI LUBRICA TION AMOUNT (gr)	AĞIRLIK WEIGHT (kg)
			DELİK BORE		A	B	C	D	E	H	L			
BOYUT SIZE	NOMİNAL NOMINAL (Nm)	MAX (Nm)	d ₁ & d ₂ min	d ₁ & d ₂ max										
42	1 000	2 000	15	48	117	125	61	3	66	82	42	8300	30	5,2
55	2 200	4 400	20	60	152	145	71	3	86	104	49	7500	50	10,3
70	4 500	9 000	25	75	178	166	82	3	104	128	58	6500	90	16,4
90	7 000	14 000	30	98	213	228	112	5	130	156	68	6000	110	32,5
100	12 000	24 000	35	110	240	258	127	5	152	180	82	5400	190	44
120	18 000	36 000	40	130	280	310	152	6	178	209	98	4800	270	75
140	26 000	52 000	50	150	318	350	172	6	208	248	108	4100	420	112
160	35 000	70 000	65	170	347	392	193	6	230	270	120	3800	510	143
180	52 000	104 000	70	190	390	452	222	8	258	305	130	3500	760	198
200	70 000	165 000	80	210	425,5	514	253	8	283	334	150	3200	1000	275
*220	98 000	205 000	100	230	457	576	283	10	310	364	170	2900	1230	342
*240	140 000	270 000	140	260	527	620	305	10	350	420	195	2700	1700	400
*280	210 000	400 000	180	280	591	680	335	10	395	475	225	1900	3300	672
*320	260 000	500 000	200	320	640	745	366	14	432	522	234	1800	3800	875

Maksimum müsaade edilebilir statik açısal kaçıklık $\pm 0,5^\circ \times 2$

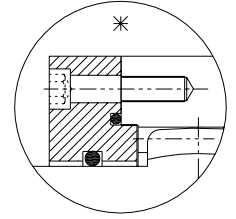
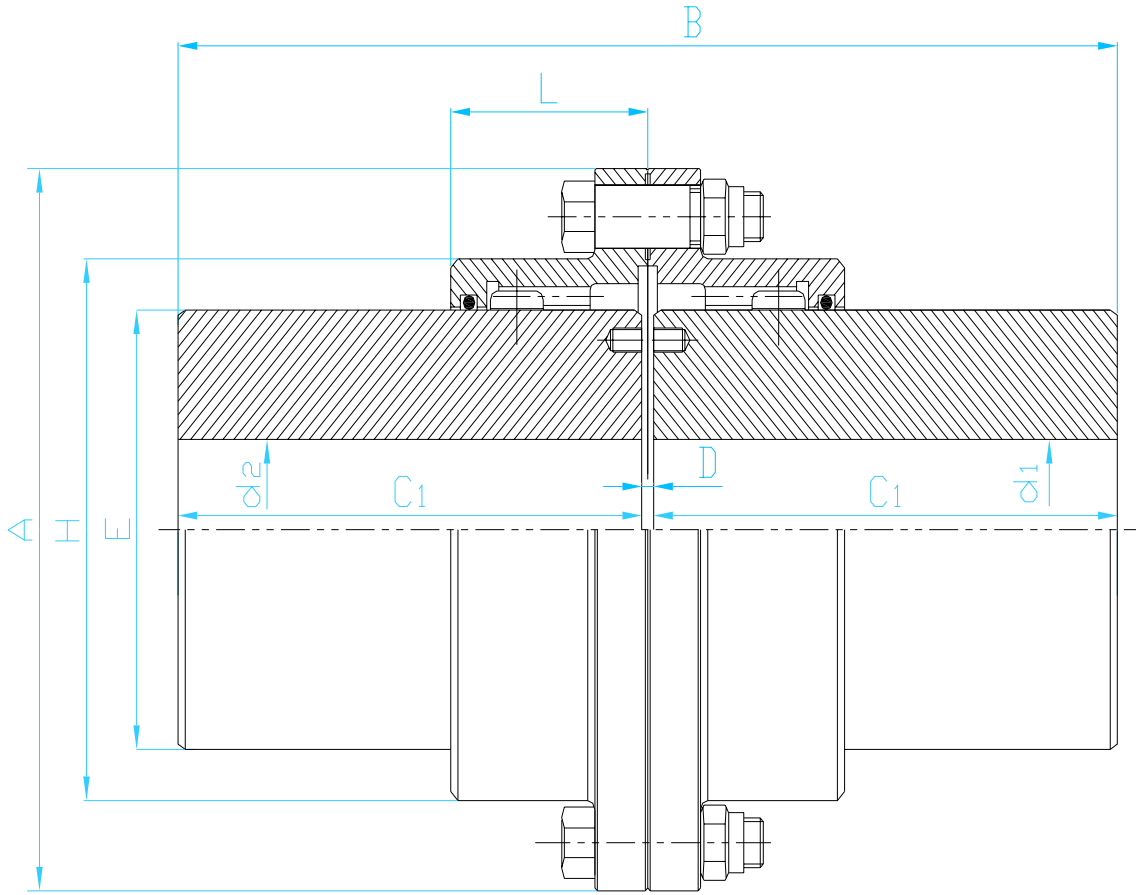
Max static angular misalignment is $\pm 0,5^\circ \times 2$



TİP TYPE	MOMENT TORQUE		ÖLÇÜLER DIMENSIONS (mm)										DEVİR d/d REVOL UTION rpm (max)	YAĞLAM A GRES MİKTARI LUBRICA TION AMOUNT (gr)	AĞIRLIK WEIGHT (kg)
			DELİK BORE		A	B	C	C1	D	E	H	L			
DKF-LC	NOMİNAL NOMİNAL (Nm)	MAX (Nm)	d ₁ & d ₂ min	d ₁ & d ₂ max	A	B	C	C1	D	E	H	L			
42	1 000	2 000	15	48	117	127	44	80	3	66	82	42	8300	30	5,3
55	2 200	4 400	20	60	152	168	51	114	3	86	104	49	7500	50	10,8
70	4 500	9 000	25	75	178	196	63	130	3	104	128	58	6500	90	18
90	7 000	14 000	30	98	213	233	78	150	5	130	156	68	6000	110	33
100	12 000	24 000	35	110	240	267	92	170	5	152	180	82	5400	190	45
120	18 000	36 000	40	130	280	298	107	185	6	178	209	98	4800	270	74
140	26 000	52 000	50	150	318	328	122	200	6	208	248	108	4100	420	107
160	35 000	70 000	65	170	347	352	136	210	6	230	270	120	3800	510	130
180	52 000	104 000	70	190	390	380	152	220	8	258	305	130	3500	760	174
200	70 000	165 000	80	210	425,5	436	178	250	8	283	334	150	3200	1000	240
*220	98 000	205 000	100	230	457	482	192	280	10	310	364	170	2900	1230	294
*240	140 000	270 000	140	260	527	582	222	350	10	350	420	195	2700	1700	430
*280	210 000	400 000	180	280	591	700	280	410	10	395	475	225	1900	3300	685
*320	260 000	500 000	200	320	640	779	295	470	14	432	522	234	1800	3800	888

Maksimum müsaade edilebilir statik açısal kaçıklık $\pm 0,5^\circ \times 2$

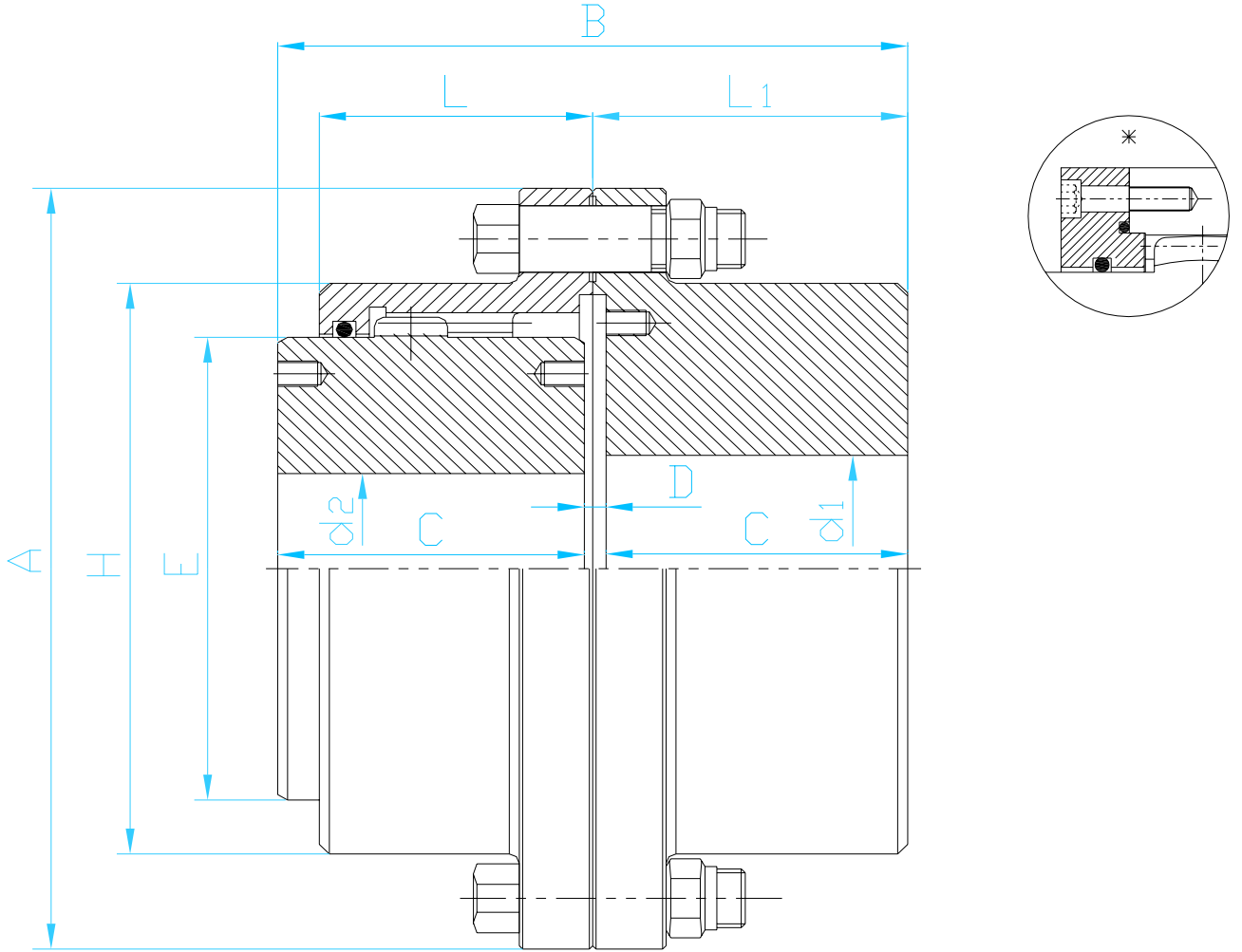
Max static angular misalignment is $\pm 0,5^\circ \times 2$



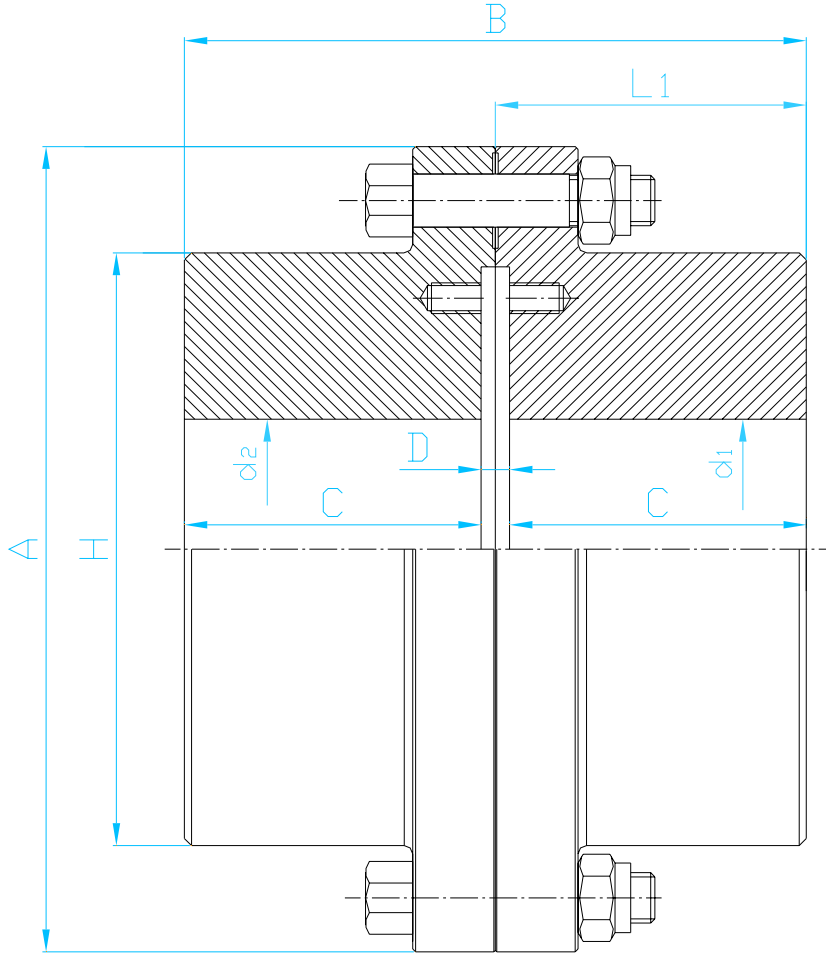
TİP TYPE	MOMENT TORQUE		ÖLÇÜLER DIMENSIONS (mm)									DEVİR d/d REVOLU TION rpm (max)	YAĞLAMA GRES MİKTARI LUBRICATI ON AMOUNT (gr)	AĞIRLIK WEIGHT (kg)
			DELİK BORE		A	B	C1	D	E	H	L			
BOYUT SIZE	NOMİNAL NOMINAL (Nm)	MAX (Nm)	d ₁ & d ₂ min	d ₁ & d ₂ max										
42	1 000	2 000	15	48	117	163	80	3	66	82	42	8300	30	6,1
55	2 200	4 400	20	60	152	231	114	3	86	104	49	7500	50	13,3
70	4 500	9 000	25	75	178	263	130	3	104	128	58	6500	90	22
90	7 000	14 000	30	98	213	305	150	5	130	156	68	6000	110	39,5
100	12 000	24 000	35	110	240	345	170	5	152	180	82	5400	190	55
120	18 000	36 000	40	130	280	376	185	6	178	209	98	4800	270	88
140	26 000	52 000	50	150	318	406	200	6	208	248	108	4100	420	124
160	35 000	70 000	65	170	347	426	210	6	230	270	120	3800	510	150
180	52 000	104 000	70	190	390	448	220	8	258	305	130	3500	760	198
200	70 000	165 000	80	210	425,5	508	250	8	283	334	150	3200	1000	270
*220	98 000	205 000	100	230	457	570	280	10	310	364	170	2900	1230	338
*240	140 000	270 000	140	260	527	710	350	10	350	420	195	2700	1700	495
*280	210 000	400 000	180	280	591	830	410	10	395	475	225	1900	3300	785
*320	260 000	500 000	200	320	640	954	470	14	432	522	234	1800	3800	1048

Maksimum müsaade edilebilir statik açısal kaçıklık $\pm 0,5^\circ$

Max static angular misalignment is $\pm 0,5^\circ$



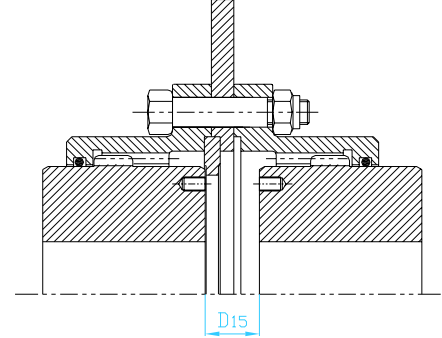
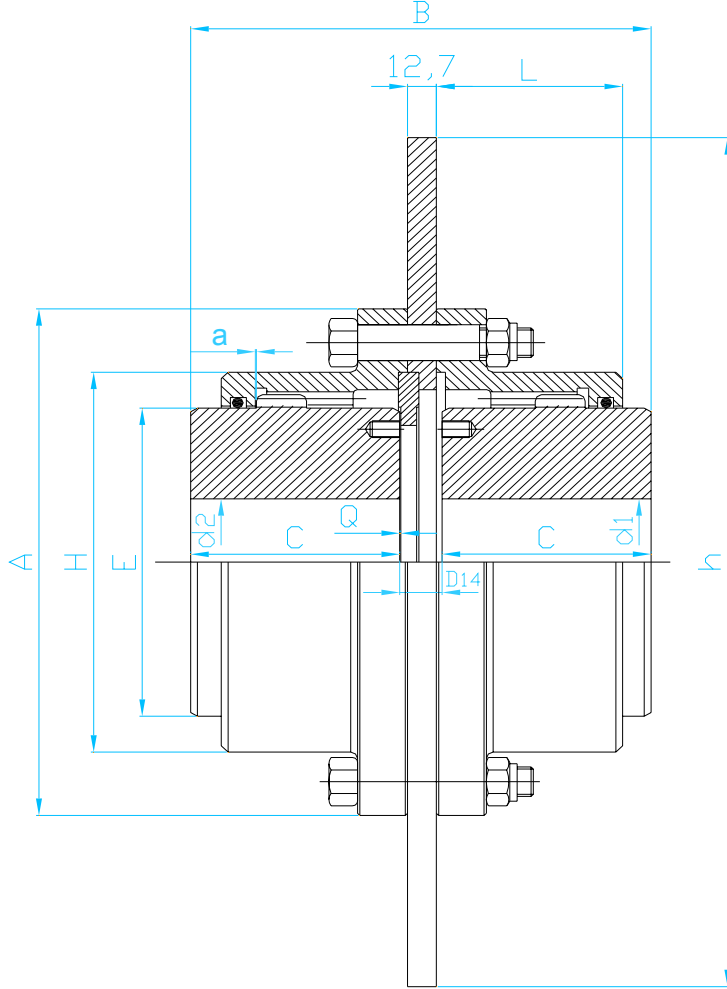
TİP TYPE	MOMENT TORQUE		ÖLÇÜLER DIMENSIONS (mm)											DEVİR d/d REVOLU TION rpm (max)	YAĞLAM A GRES MIKTARI LUBRICATI ON AMOUNT (gr)	AĞIRLIK WEIGHT (kg)
			DELİK BORE			A	B	C	D	E	H	L	L1			
DKF-C	NOMINAL NOMINAL (Nm)	MAX (Nm)	d ₁ & d ₂ min	d ₁ max	d ₂ max	A	B	C	D	E	H	L	L1			
BOYUT SIZE																
42	1 000	2 000	15	55	48	117	92,5	44	4,5	66	82	42	47	8300	30	4,7
55	2 200	4 400	20	70	60	152	106,5	51	4,5	86	104	49	54	7500	50	9,2
70	4 500	9 000	25	90	75	178	130,5	63	4,5	104	128	58	66	6500	90	15
90	7 000	14 000	30	110	98	213	162,5	78	6,5	130	156	68	82	6000	110	28
100	12 000	24 000	35	130	110	240	190,5	92	6,5	152	180	82	96	5400	190	40
120	18 000	36 000	40	150	130	280	222	107	8	178	209	98	112	4800	270	64
140	26 000	52 000	50	170	150	318	252	122	8	208	248	108	127	4100	420	96
160	35 000	70 000	65	190	170	347	281	136	9	230	270	120	142	3800	510	123
180	52 000	104 000	70	210	190	390	314	152	10	258	305	130	158	3500	760	173
200	70 000	165 000	80	250	210	425,5	366	178	10	283	334	150	184	3200	1000	240
*220	98 000	205 000	100	260	230	457	395	192	11	310	364	170	198	2900	1230	285
*240	140 000	270 000	140	290	260	527	457	222	13	350	420	195	230	2700	1700	418
*280	210 000	400 000	180	350	280	591	573	280	13	395	475	225	288	1900	3300	660
*320	260 000	500 000	200	390	320	640	605	295	15	432	522	234	303	1800	3800	836



TİP TYPE	MOMENT TORQUE		ÖLÇÜLER DIMENSIONS (mm)								DEVİR d/d REVOLUTION rpm (max)	AĞIRLIK WEIGHT (kg)
			DELİK BORE		A	B	C	D	H	L1		
BOYUT SIZE	NOMİNAL NOMINAL (Nm)	MAX (Nm)	d ₁ min	d ₁ & d ₂ max								
42	1 000	2 000	15	55	117	88	41	6	82	44	8300	4,4
55	2 200	4 400	20	70	152	102	48	6	104	51	7500	8,6
70	4 500	9 000	25	90	178	124	59	6	128	62	6500	14,4
90	7 000	14 000	30	110	213	156	75	6	156	78	6000	26
100	12 000	24 000	35	130	240	182	88	6	180	91	5400	39,5
120	18 000	36 000	40	150	280	210	102	6	209	105	4800	61,5
140	26 000	52 000	50	170	318	236	115	6	248	118	4100	91
160	35 000	70 000	65	190	347	270	131	8	270	135	3800	122
180	52 000	104 000	70	210	390	312	152	8	305	156	3500	171
200	70 000	165 000	80	250	425,5	364	178	8	334	182	3200	225
220	98 000	205 000	100	260	457	394	192	10	364	197	2900	273
240	140 000	270 000	140	290	527	454	222	10	420	227	2700	395
280	210 000	400 000	180	350	591	570	280	10	475	285	1900	598
320	260 000	500 000	200	390	640	604	295	14	522	302	1800	795

Maksimum müsaade edilebilir statik açısal kaçıklık $\pm 0,5^\circ \times 2$

Max static angular misalignment is $\pm 0,5^\circ \times 2$



BOYUT SIZE		FREN DİSKİ TABLOSU BRAKE DISK TABLE							
Kaplinlere Göre Fren Disklerinin Tahsisi Allocation of Brake Disk to Coupling	42								
	55								
	70								
	90								
	100								
	120								
	140								
	160								
	180								
	200								

Fren Diski Brake Disk	h	300	356	406	457	514	610	711	812
Devir/dk	3800	3200	2800	2500	2200	1850	1500	1300	

TİP TYPE	MOMENT TORQUE		ÖLÇÜLER DIMENSIONS (mm)												YAĞLAMA GRES MIKTARI LUBRICATI ON AMOUNT (gr)	AĞIRLIK WEIGHT (kg)	
			DELİK BORE		A	B	C	D14	D15	E	H	L	a	Q			
BOYUT SIZE	NOMİNAL NOMINAL (Nm)	MAX (Nm)	d ₁ & d ₂ min	d ₁ & d ₂ max													
DKF-D	42	1 000	2 000	15	48	117	104,7	44	16,7	24,7	66	82	42	0,5	0,5	30	4,4+D
	55	2 200	4 400	20	60	152	118,7	51	16,7	24,7	86	104	49	0,5	0,5	50	8,8+D
	70	4 500	9 000	25	75	178	142,7	63	16,7	27,7	104	128	58	0,5	0,5	90	14+D
	90	7 000	14 000	30	98	213	174,7	78	18,7	28,7	130	156	68	0,5	0,5	110	26+D
	100	12 000	24 000	35	110	240	202,7	92	18,7	30,7	152	180	82	0,5	0,5	190	36+D
	120	18 000	36 000	40	130	280	234,2	107	20,2	35,2	178	209	98	0,5	0,5	270	60+D
	140	26 000	52 000	50	150	318	264,2	122	20,2	36,2	208	248	108	0,5	0,5	420	90+D
	160	35 000	70 000	65	170	347	292,2	136	20,2	40,2	230	270	120	1	0,5	510	110+D
	180	52 000	104 000	70	190	390	325,7	152	21,7	43,7	258	305	130	1	0,5	760	150+D
	200	70 000	165 000	80	210	425,5	378,2	178	22,2	49,2	283	334	150	1	0,5	1000	210+D

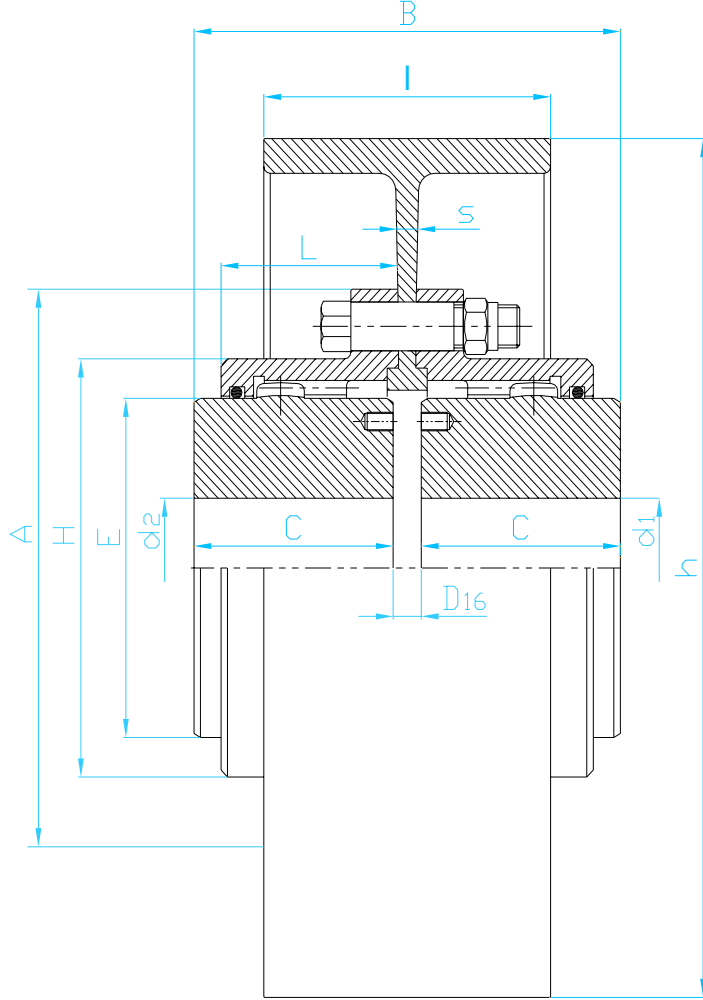
ÖLÇÜSEL TANITIM TABLOSU
TİP: DKF-K



DIMENSIONS DATA SHEET
TYPE: DKF-K

Maksimum müsaade edilebilir statik açılmalık $\pm 0,5^\circ \times 2$

Max static angular misalignment is $\pm 0,5^\circ \times 2$



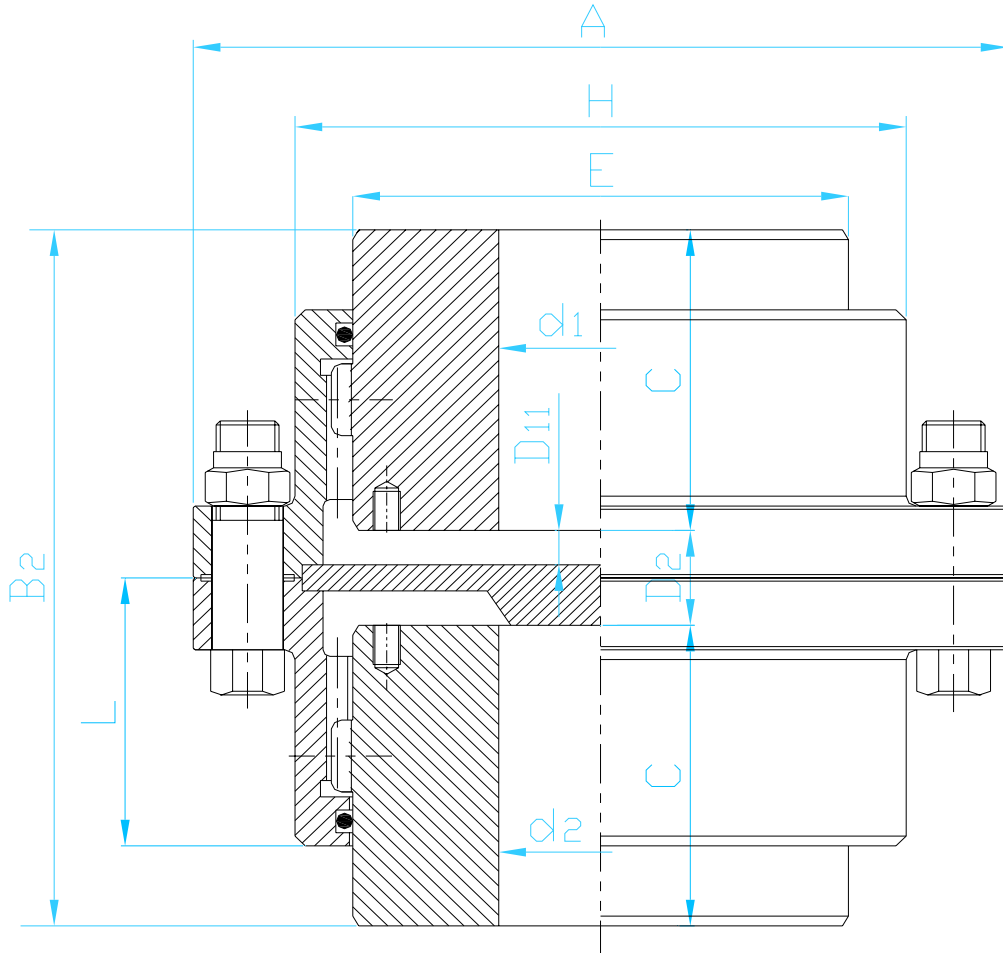
BOYUT SIZE	FREN DİSKİ TABLOSU BRAKE DISK TABLE							
	Kaplinlere Göre Fren Disklerinin Tahsisi Allocation of Brake Disk to Coupling	42						
	55							
	70							
	90							
	100							
	120							
	140							
	160							
	180							
	200							

Fren Diski Brake Disk	h	200	250	315	400	500	630	710
	l	75	95	118	150	190	236	265
	S	9	12	14	18	23	28	28

TİP TYPE	MOMENT TORQUE		ÖLÇÜLER DIMENSIONS (mm)										DEVİR d/d REVOLUTI ON rpm max	YAĞLAMA GRES MIKTARI LUBRICATI ON AMOUNT (gr)	AĞIRLIK WEIGHT (kg)
			DELİK BORE		A	B	C	D	D16	E	H	L			
BOYUT SIZE	NOMİNAL NOMINAL (Nm)	MAX (Nm)	d ₁ & d ₂ min	d ₁ & d ₂ max											
DKF-K															
42	1 000	2 000	15	48	117	91+S	44	3	D+s	66	82	42	8300	30	4,4+K
55	2 200	4 400	20	60	152	105+S	51	3	D+s	86	104	49	7500	50	8,8+K
70	4 500	9 000	25	75	178	129+S	63	3	D+s	104	128	58	6500	90	14+K
90	7 000	14 000	30	98	213	161+S	78	5	D+s	130	156	68	6000	110	26+K
100	12 000	24 000	35	110	240	189+S	92	5	D+s	152	180	82	5400	190	36+K
120	18 000	36 000	40	130	280	220+S	107	6	D+s	178	209	98	4800	270	60+K
140	26 000	52 000	50	150	318	250+S	122	6	D+s	208	248	108	4100	420	90+K
160	35 000	70 000	65	170	347	278+S	136	6	D+s	230	270	120	3800	510	110+K
180	52 000	104 000	70	190	390	312+S	152	8	D+s	258	305	130	3500	760	150+K
200	70 000	165 000	80	210	425,5	364+S	178	8	D+s	283	334	150	3200	1000	210+K

Maksimum müsaade edilebilir statik açısal kaçıklık $\pm 0,5^\circ \times 2$

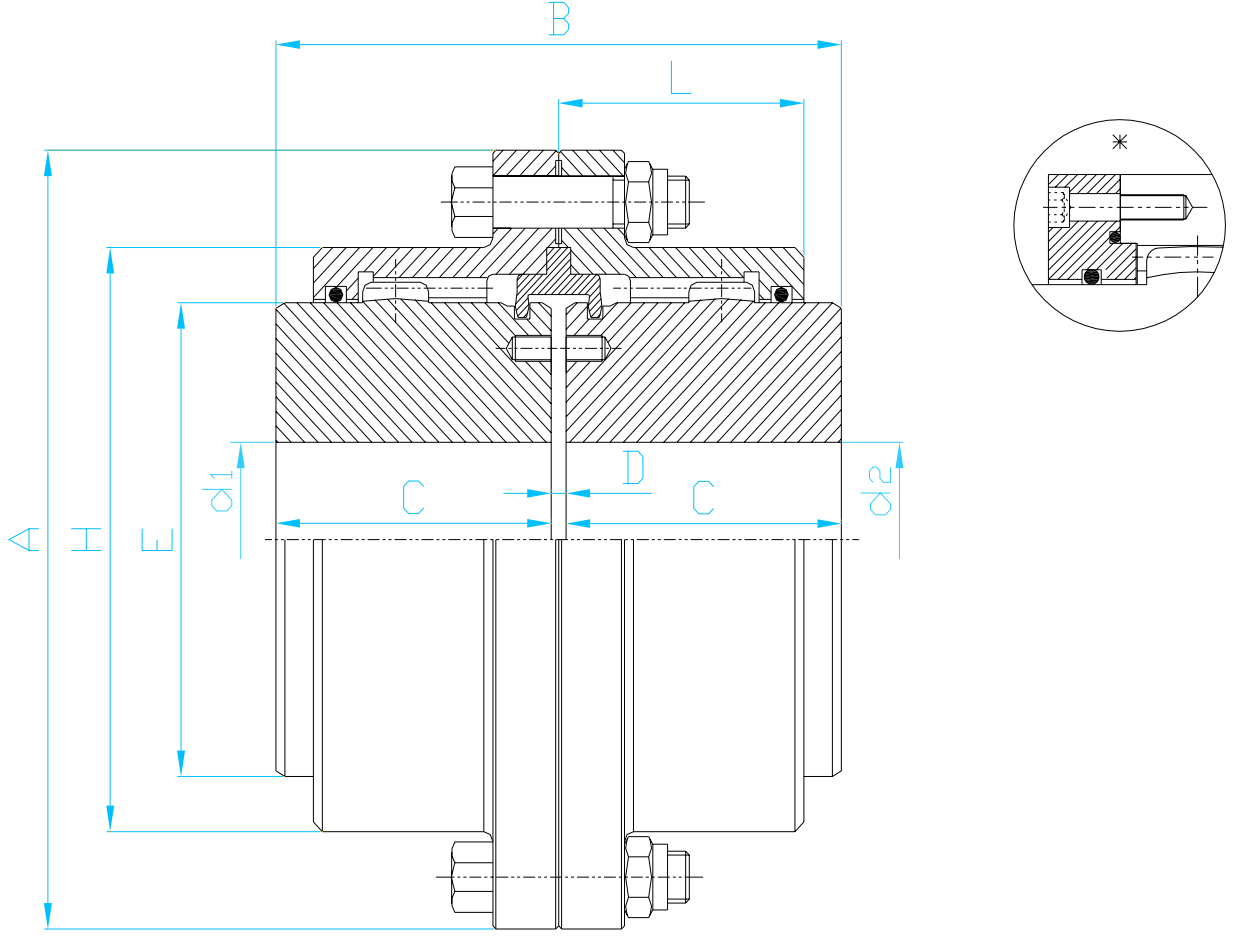
Max static angular misalignment is $\pm 0,5^\circ \times 2$



TİP TYPE	MOMENT TORQUE		ÖLÇÜLER DIMENSIONS (mm)										DEVİR d/d REVOL UTION rpm (max)	YAĞLAMA GRES MİKTARI LUBRICATI ON AMOUNT (gr)	AĞIRLIK WEIGHT (kg)
			DELİK BORE		A	B ₂	C	D ₂	D ₁₁	E	H	L			
BOYUT SIZE	NOMİNAL NOMINAL (Nm)	MAX (Nm)	d ₁ & d ₂ min	d ₁ & d ₂ max											
DKF-V															
42	1 000	2 000	15	48	117	107	44	19	9,5	66	82	42	8300	30	4,6
55	2 200	4 400	20	60	152	121	51	19	9,5	86	104	49	7500	50	9
70	4 500	9 000	25	75	178	151	63	25	9,5	104	128	58	6500	90	14,8
90	7 000	14 000	30	98	213	181	78	25	8,5	130	156	68	6000	110	26
100	12 000	24 000	35	110	240	213	92	29	11	152	180	82	5400	190	37,3
120	18 000	36 000	40	130	280	250	107	36	13	178	209	98	4800	270	62
140	26 000	52 000	50	150	318	282	122	38	14	208	248	108	4100	420	92,2
160	35 000	70 000	65	170	347	318	136	46	17	230	270	120	3800	510	115
180	52 000	104 000	70	190	390	356	152	52	20	258	305	130	3500	760	153,2
200	70 000	165 000	80	210	425,5	418	178	62	25	283	334	150	3200	1000	216

Maksimum müsaade edilebilir statik açısal kaçıklık 0,2°... 0,5° x 2

Max static angular misalignment is 0,2°... 0,5° x 2



- Gezme mesafesi fazla olan sistemler için.
- For components that have long distance motion

TİP TYPE	MOMENT TORQUE		ÖLÇÜLER DIMENSIONS (mm)									DEVİR d/d REVOLUTION rpm (max)	YAĞLAMA GRES MİKTARI LUBRICATIO N AMOUNT (gr)	AĞIRLIK WEIGHT (kg)
			DELİK BORE		A	B	C	D	E	H	L			
BOYUT SIZE	NOMİNAL NOMINAL (Nm)	MAX (Nm)	d ₁ & d ₂ min	d ₁ & d ₂ max										
DKF-J														
42	1 000	2 000	15	48	117	91	44	3	66	82	42	8300	30	4,4
55	2 200	4 400	20	60	152	105	51	3	86	104	49	7500	50	8,8
70	4 500	9 000	25	75	178	129	63	3	104	128	58	6500	90	14
90	7 000	14 000	30	98	213	161	78	5	130	156	68	6000	110	26
100	12 000	24 000	35	110	240	189	92	5	152	180	82	5400	190	36
120	18 000	36 000	40	130	280	220	107	6	178	209	98	4800	270	60
140	26 000	52 000	50	150	318	250	122	6	208	248	108	4100	420	90
160	35 000	70 000	65	170	347	278	136	6	230	270	120	3800	510	110
180	52 000	104 000	70	190	390	312	152	8	258	305	130	3500	760	150
200	70 000	165 000	80	210	425,5	364	178	8	283	334	150	3200	1000	210
*220	98 000	205 000	100	230	457	394	192	10	310	364	170	2900	1230	250
*240	140 000	270 000	140	260	527	454	222	10	350	420	195	2700	1700	370
*280	210 000	400 000	180	280	591	570	280	10	395	475	225	1900	3300	585
*320	260 000	500 000	200	320	640	604	295	14	432	522	234	1800	3800	740

TABLO -1

K1 FAKTÖRÜNÜN SEÇİLMESİ

TABLE 1

CHOOSING FACTOR K1

TAHRİK EDİLEN MAKİNA MACHINE TYPE	K1				
	MOTOR CİNSİ MOTOR TYPE		İÇTEN YANMALI		
	ELEKTRİK veya TÜRBİN ELECTRICAL or TURBINE	BUHAR veya SU TURBİNİ STEAM or WATER TURBINE	1SİL 1CLY	2SİL 2CLY	3SİL 3CLY
Santrifüj Pompa, Jeneratör, Tekstil Makinaları (c) Centrifuge Pump Generator Textile Machines (c)	1	1,5	3	2	2
Takım Tezgahları, Karıştırıcılar, Hafif Vantilatörler, Hafif Körüklü Makinalar, Konveyörler (b) Mixer, Fan, Conveyor (b)	1,5	2	4	2,5	2,5
Ağır Vantilatörler, Körüklü Makinalar, Vakum Pompaları, Tel Çekme ve Ağaç İşleme Makinaları (b) Heavy Fan, Vacuum Pump (b)	2	2,5	4	3	3
Kompresörler, Vinçler, Transport Makinaları, Elevatörler(a) Compressor, Crane Transport Machines Elevator (a)	2,5	3	5	4	4
Haddeleme Makinaları, Presler, Çekiçler, Değirmenler, Kırıcılar(a) Rolling Machines, Pressing Machines, Grinding Machines, Drop Hammer, Punch Press (a)	3	4	6	5	5

TABLO 2 TABLE 2

K2 FAKTÖRÜNÜN SEÇİMİ
CHOOSING FACTOR K2

Günlük Çalışma Süresi (saat) Daily Operation (Hour)	K2
0-2	0,9
2-8	1
8-16	1,12
16-24	1,25

TABLO 3 TABLE 3

K3 FAKTÖRÜNÜN SEÇİMİ
CHOOSING FACTOR K3

Saatteki Hareket Sayısı (Start/Stop) Action Per Hour (Start-Stop)	K3	2-20	20-40	40-80	80-160	>160
		a	1,20	1,30	1,50	1,60
	b	1,09	1,18	1,37	1,46	1,80
	c	1,08	1,17	1,25	1,33	1,65

a-Ağır yükler/Heavy load b-Orta Yükler/Middleweight Load c-Hafif Yükler/Light Load

TABLO 4 TABLE 4

K4 FAKTÖRÜNÜN SEÇİMİ
CHOOSING FACTOR K4

Beher Kaplin için Açılma Kaçıklık (°) Angular Misalignment for each couplings (°)	0	0,25	0,5	0,75	1
K4	1	1,02	1,05	1,11	1,16

ÖRNEK

TAHRİK ŞEKLİ = ELEKTRİK MOTORU
 MAKİNA TİPİ = DEĞİRMEN
 K1 = 3 (TABLO 1)
 İLETİLEN GÜÇ = 75 Kw
 DEVİR = 110 d/d
 GÜNLÜK ÇALIŞMA = 12 Saat / Gün
 K2 = 1,12 (TABLO 2)
 START/STOP = 10 Kalkış / Saat
 K3 = 1,2 (TABLO 3)
 AÇISAL KAÇIKLIK = 0,25°
 K4 = 1,02 (TABLO 4)

M = 9550 Ne/n
 Moment (M) = 9550 x (75/110) = 6511,3 Nm
 $M_{nom} = K1 \times K2 \times K3 \times K4 \times M = 3 \times 1,12 \times 1,2 \times 1,02 \times 6511,3$
 $M_{nom} = 26778,6 \text{ Nm}$

UYARILAR :

Dişli kaplin seçimi yapılırken, maksimum moment değeri asla aşılmamalıdır.
 Çevresel hızların 36m/s'yi aşması durumunda mutlaka dinamik balans istenmelidir.
 Maksimum müsaade edilebilir açılma kaçıklık $\pm 1^\circ$ dir.

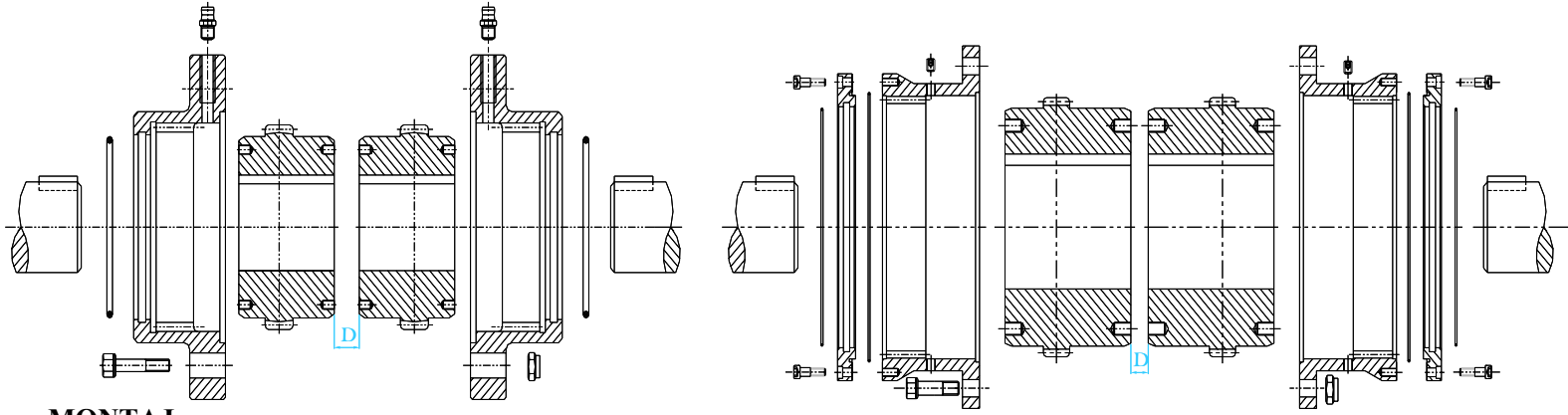
EXAMPLE

DRIVING TYPE = ELECTRICAL MOTOR
 MACHINE TYPE = GRINDING MACHINE
 K1 = 3 (TABLE 1)
 POWER = 75 Kw
 REVOLUTION = 110 rpm
 DAILY OPERATION = 12 Hours / Day
 K2 = 1,12 (TABLE 2)
 START/STOP = 10 Tours / Hour
 K3 = 1,2 (TABLE 3)
 Angular Misalignment = 0,25°
 K4 = 1,02 (TABLE 4)

M = 9550 Ne/n
 Moment (M) = 9550 x (75/110) = 6511,3 Nm
 $M_{nom} = K1 \times K2 \times K3 \times K4 \times M = 3 \times 1,12 \times 1,2 \times 1,02 \times 6511,3$
 $M_{nom} = 26778,6 \text{ Nm}$

ATTENTIONS :

Do not exceed the maximum torque value
 When the speed exceeds 36 m/h you have to make dynamic balance
 Limit for angular misalignment is $\pm 1^\circ$



MONTAJ

- 1-Tüm parçaların temiz olduğundan emin olunuz.
- 2-Montaj yapılacak millerin paralelliğini ve D ölçüsünü seçilen kaplin tipine göre tablo değerinde ayarlayınız .
- 3-Oringleri yuvalarına oturtunuz.
- 4-Civataların sıkılığını kontrol ediniz.
- 5-Seçilen kaplinin tablo değeri kadar gresini koyunuz.
- 6-Dönen elemanların muhafaza altına alınız.

BAKIM

- 1-Her 4000 Saatte bir yapılacaktır.
- 2-Gresi yenilenecektir.
- 3-Her 8000 saat veya 2 yılda bir paralellik ve genel kontrolü yapılacaktır.

ASSEMBLY

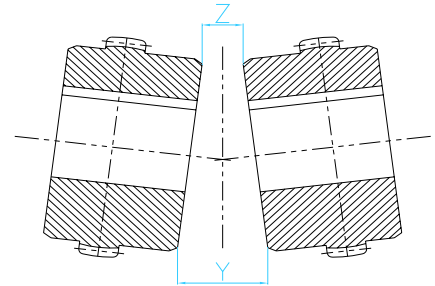
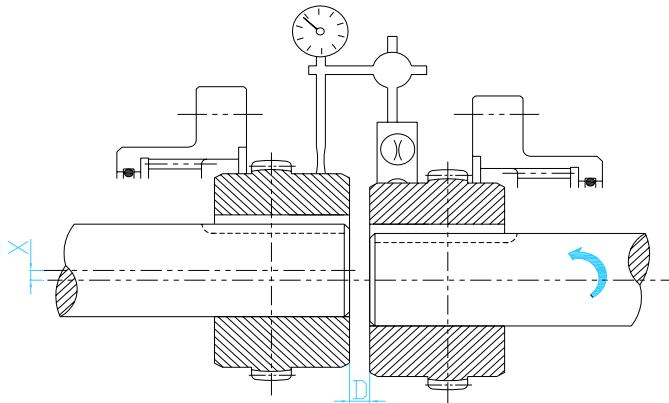
- 1- Ensure all the parts are clean.
- 2- Align the two shafts, check alignment using an indicator, check the value of "D" observed in tolerance field according to selected coupling size
- 3- Insert O-rings into grooves of sleeves
- 4- Tighten and check all the bolts
- 5- Lubrication must be done with grease according to selected coupling size
- 6- Cover all the rotating components

MAINTENANCE

- 1- Maintenance must be done every 4000 hours
 - 2-Replace the grease lubrication with the new one
 - 3-General controls and alignment checking must be done every 8000 hours or every 2 years
- Observe recommended lubricants and see below tabulation for approved grease type for safe usage

SAĞLIKLI BİR KULLANIM İÇİN DİŞLİ KAPLINLERİMİZDE
AŞAĞIDA BELİRTİLEN GRES ÇEŞİTLERİNİ KULLANINIZ.
RECOMMENDED LUBRICANTS AND QUANTITY

	Normal Hız Normal Speed		Yüksek Hız High Speed
BP	Energrease A1	CALTEX	Coupling Grease
CALTEX	Coupling Grease	KLÜBER	Külüperplex GE 11-680
CASTROL	Impervia Max	MOBİL	Mobil grease XTC
ESSO	Fibrax 370 - Unirex 460	SHELL	Albida GC 1
FINA	Marson EPL 1	TEXACO	Coupling Grease
KUBLER	Külüperplex GE 11-680		
MOBİL	Mobilus EPO		
SHELL	Alvania grease EP1		
TEXACO	Coupling Grease		
TOTAL	Specis EPG		



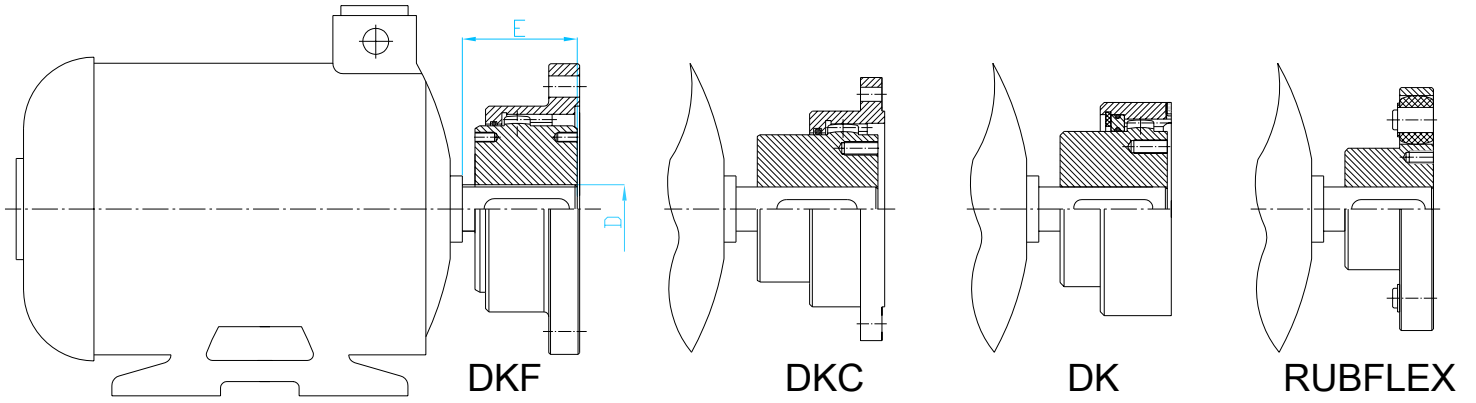
DEVİR SAYISI d /dak. REVOLUTION (rpm)

TİP TYPE	N= 250		N=500		N=1000		N=2000		N=4000	
	X max	(Y-Z)	X max	(Y-Z)	X max	(Y-Z)	X max	(Y-Z)	X max	(Y-Z)
DKF-DKF-L	DKF-LC-DKF-LL	DKF-K	DKF-DKF-V	DKF-J	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
42 - 100	0,25	0,25	0,25	0,25	0,25	0,25	0,15	0,20	0,08	0,10
120-200	0,40	0,50	0,50	0,60	0,25	0,35	0,15	0,20	0,08	0,10
220-320	0,90	1	0,50	0,75	0,25	0,35	0,15	0,20	-	-

STANDART MOTOR TİPİNE GÖRE KAPLİN SEÇİM TABLOSU



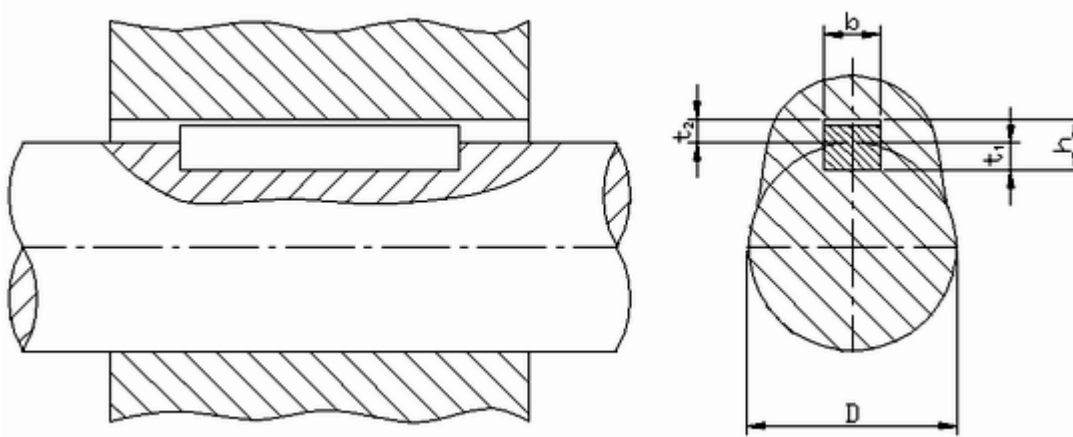
COUPLINGS ASSIGNMENT TO STANDARD MOTORS



3 Fazlı A.C. Motor Phase A.C. Motor	Motor Çıkışı 50 Hz n=3000 d/d Motor Output with 50 Hz n=3000 rpm		Motor Çıkışı 50 Hz n=1500 d/d Motor Output with 50 Hz n=1500 rpm		Motor Çıkışı 50 Hz n=1000 d/d Motor Output with 50 Hz n=1000 rpm		Motor Çıkışı 50 Hz n=750 d/d Motor Output with 50 Hz n=750 rpm		Kaplın Tipleri Coupling Size Type				Motor Mili Çıkış Ölçüleri DxE (mm) Cylindrical Shaft End DxE (mm)	
	Boyut	kw	Nm	kw	Nm	kw	Nm	kw	Nm		DKC	DKF	RUBFLEX	3000 ≤ 1500
80	0,75	2,5	0,55	3,7	0,37	3,9	0,18	2,6	DK 30	DKC 30	-	-	19x40	
	1,1	3,7	0,75	5,1	0,55	5,8	0,25	3,6					24x50	
90S	1,5	5	1,1	7,5	0,75	8	0,37	5,6	DK 30	DKC 30	-	-	28x60	
90L	2,2	7,5	1,5	10	1,1	12	0,55	7,9					38x80	
100L	3	9,8	2,2	15	1,5	15	0,75	11	DK 40	DKC 40	DKF 42	RUBFLEX 150	42x110	
			3	20			1,1	16					48x110	
112M	4	13	4	27	2,2	22	1,5	21	DK 40	DKC 40	DKF 42	RUBFLEX 150	55x110	
132S	5,5	18	5,5	36	3	30	2,2	29					DK 50	DKC 50
	7,5	25					3	40	3	40	60x140	65x140		
132M	-	-	7,5	49	4	40	4	54	DK 50	DKC 50	DKF 55	RUBFLEX 160	75x140	
					5,5	55	5,5	74					80x170	
160M	11	36	11	72	7,5	74	7,5	100	DK 60	DKC 60	DKF 70	RUBFLEX 180	70x140	
160L	15	49	15	98	11	108	11	147					75x140	
180M	22	72	18,5	121	-	-	-	-	DK 70	DKC 70	DKF 70	RUBFLEX 180	80x170	
180L	-	-	22	144	15	147	11	147					80x170	
200L	30	97	30	195	18,5	186	15	196	DK 80	DKC 80	DKF 90	RUBFLEX 200	90x170	
	37	120			22	216	15	196					90x170	90x170
225S	-	-	37	245	-	-	18,5	245	DK 90	DKC 90	DKF 90	RUBFLEX 200	90x170	
225M	45	147	45	294	30	294	22	294					90x170	
250M	55	176	55	355	37	363	30	392	DK 90	DKC 90	DKF 90	RUBFLEX 200	90x170	
280S	75	245	75	484	45	441	37	490					90x170	
280M	90	294	90	581	55	539	45	588	DK 105	DKC 105	DKF 100	RUBFLEX 250	100x210	
315S	110	353	110	708	75	725	55	715					100x210	
315M	132	421	132	850	90	872	75	970	DK 105	DKC 105	DKF 100	RUBFLEX 250	100x210	
	150	481	160	1050	110	1080	90	1180					100x210	
355S	210	673	200	1300	160	1570	145	1870	DK 105	DKC 105	DKF 100	RUBFLEX 250	100x210	
355M	260	833	240	1540	190	1840	165	2130					100x210	
400S	290	929	300	1920	250	2450	220	2840	DK 105	DKC 105	DKF 100	RUBFLEX 250	100x210	
400M	340	1090	350	2240	285	2750	250	3230					100x210	

Firmamız tüm talaşlı imalat işlemlerinde
ISO R773 standartlarını kullanmaktadır.

We use standard of ISO R773 for all of our works



Çap Diameter	Genişlik Width	Yükseklik Height	Derinlik Depth	Tolerans Tolerance	Derinlik Depth	Tolerans Tolerance
D	b	h	t ₁	Δt ₁	t ₂	Δt ₂
> 10-12	4	4	2.5	+ 0.1	1.8	+ 0.1
> 12-17	5	5	3	+ 0.1	2.3	+ 0.1
> 17-22	6	6	3.5	+ 0.1	2.8	+ 0.1
> 22-30	8	7	4	+ 0.2	3.3	+ 0.2
> 30-38	10	8	5	+ 0.2	3.3	+ 0.2
> 38-44	12	8	5	+ 0.2	3.3	+ 0.2
> 44-50	14	9	5.5	+ 0.2	3.8	+ 0.2
> 50-58	16	10	6	+ 0.2	4.3	+ 0.2
> 58-65	18	11	7	+ 0.2	4.4	+ 0.2
> 65-75	20	12	7.5	+ 0.2	4.9	+ 0.2
> 75-85	22	14	9	+ 0.2	5.4	+ 0.2
> 85-95	25	14	9	+ 0.2	5.4	+ 0.2
> 95-110	28	16	10	+ 0.2	6.4	+ 0.2
> 110-130	32	18	11	+ 0.2	7.4	+ 0.2
> 130-150	36	20	12	+ 0.3	8.4	+ 0.3
> 150-170	40	22	13	+ 0.3	9.4	+ 0.3
> 170-200	45	25	15	+ 0.3	10.4	+ 0.3
> 200-230	50	28	17	+ 0.3	11.4	+ 0.3
> 230-260	56	32	20	+ 0.3	12.4	+ 0.3
> 260-290	63	32	20	+ 0.3	14.4	+ 0.3
> 290-330	70	36	22	+ 0.3	15.4	+ 0.3
> 330-380	80	40	25	+ 0.3	17.4	+ 0.3
> 380-440	90	45	28	+ 0.3	17.4	+ 0.3
> 440-500	100	50	31	+ 0.3	19.5	+ 0.3