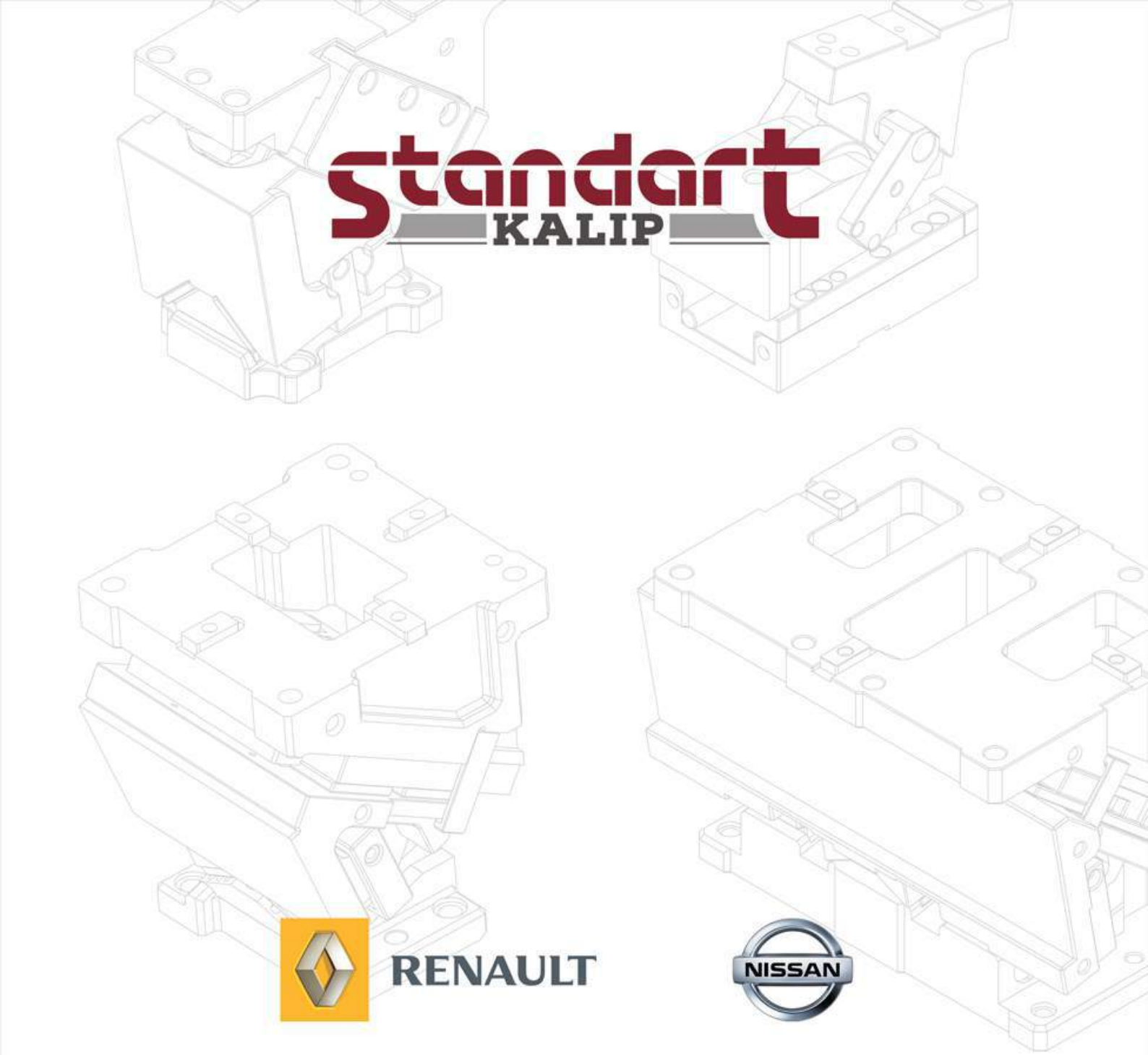




standart
KALIP



RENAULT

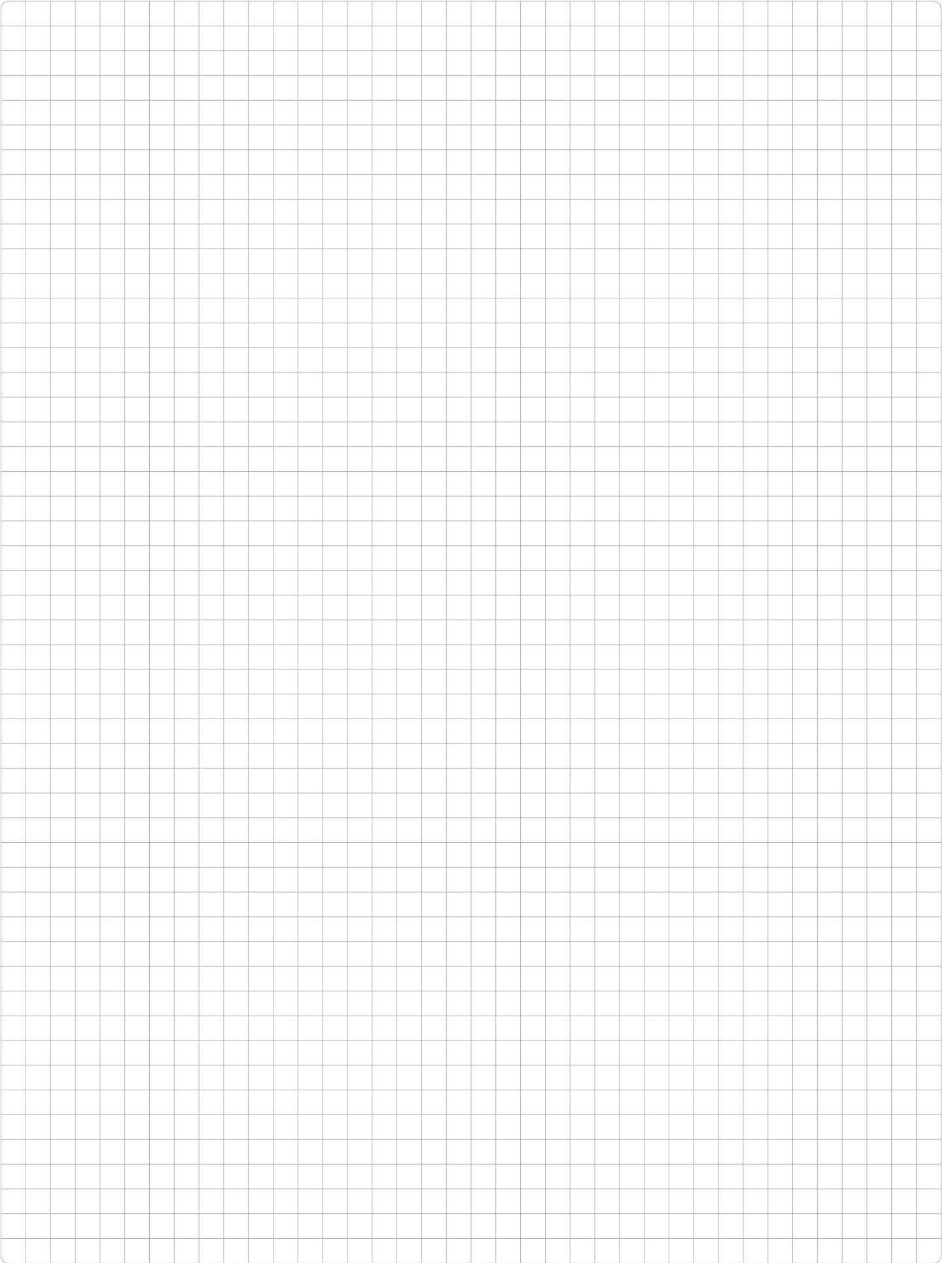


Standart Kalip Elemanlari

Standard Die Components

RENAULT - NISSAN

2019.01



 RENAULT		
MABEC KOD / CODE	KPS KOD / CODE	STD KOD / CODE
R903404053	K1250-40120-1	KK15-40-120
R903404054	K1250-40140-1	KK15-40-140
R903404055	K1250-40160-1	KK15-40-160
R903404156	K1250-40180-1	KK15-40-180
R903404006	K1211-50160	KK15-50-160
R903404007	K1211-50200	KK15-50-200
R903404008	K1211-50250	KK15-50-250
R100551225	K1211-50300	KK15-50-300
R903404010	K1211-60200	KK15-60-200
R903404056	K1250-60250-1	KK15-60-250
R903404057	K1250-60300-1	KK15-60-300
R903404058	K1250-60350-1	KK15-60-350
R903404059	K1250-60400-1	KK15-60-400
R903404014	K1211-80250	KK15-80-250
R903404015	K1211-80300	KK15-80-300
R100342962	K1211-80350	KK15-80-350
R100342963	K1211-80400	KK15-80-400
R903404018	K1211-80450	KK15-80-450
R903404019	K1211-100300	KK15-100-300
R903404020	K1211-100350	KK15-100-350
R100699349	K1211-100400	KK15-100-400
R100694946	K1211-100450	KK15-100-450
R903404023	K1211-100500	KK15-100-500
R903404024	K1211-50160-S	KK15-50-160-VSZ
R903404025	K1211-50200-S	KK15-50-200-VSZ
R903404026	K1211-50250-S	KK15-50-250-VSZ
R903404027	K1211-50300-S	KK15-50-300-VSZ
R903404028	K1211-60200-S	KK15-60-200-VSZ
R903404029	K1211-60250-S	KK15-60-250-VSZ

 RENAULT		
MABEC KOD / CODE	KPS KOD / CODE	STD KOD / CODE
R903404030	K1211-60300-S	KK15-60-300-VSZ
R903404031	K1211-60350-S	KK15-60-350-VSZ
R903404032	K1211-80250-S	KK15-80-250-VSZ
R903404033	K1211-80300-S	KK15-80-300-VSZ
R903404034	K1211-80350-S	KK15-80-350-VSZ
R903404035	K1211-80400-S	KK15-80-400-VSZ
R903404036	K1211-80450-S	KK15-80-450-VSZ
R903404037	K1211-100300-S	KK15-100-300-VSZ
R903404038	K1211-100350-S	KK15-100-350-VSZ
R903404039	K1211-100400-S	KK15-100-400-VSZ
R903404040	K1211-100450-S	KK15-100-450-VSZ
R903404041	K1211-100500-S	KK15-100-500-VSZ
X345035321		GBU05-12-20-18
R901261176		GBU05-45-30-56
R903404042	K1211-80300	GBUD-50
R903404061	K1211-80350	GBUD-60
R100342959	K1211-80400	GBUD-80
R100342960	K1211-80450	GBUD-100
R100528513	K8671-2-4	SPB48-150-170
R100528512	K8671-1-4	SPS48-150-170
R100292482	K8610-2-1	SPB49-100-130
R100382700	K8610-2-2	SPB49-100-150
R903448297	K8610-2-3	SPB49-100-170
R903448298	K8610-2-4	SPB49-125-130
R100497804	K8610-2-5	SPB49-125-150
R903448300	K8610-2-6	SPB49-125-170
R100487832	K8610-1-1	SPS49-100-130
R100382691	K8610-1-2	SPS49-100-150
R903448291	K8610-1-3	SPS49-100-170

[illegible]

[illegible]

KAM ÜNİTESİ ALTERNATİF KODLARI / CAM UNIT ALTERNATIVE CODES

[illegible]

[illegible]

[illegible]

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MABEC KOD / CODE	KPS KOD / CODE	STD KOD / CODE
R903448057	K82C3-80-0	AKUC-80-00
R100597455	K82D1-80-0-60-80	AKUC-80-00-SU60
R100593009	K82D1-80-0-10-120	AKUC-80-00-SG120-SU10
R100383248	K82C3-80-5	AKUC-80-05
R100594259	K82D1-80-5-30-100	AKUC-80-05-SG100-SU30
R100594268	K82D1-80-5-40-80	AKUC-80-05-SU40
R100382409	K82C3-80-10	AKUC-80-10
R100635389	K82D1-80-10-0-120	AKUC-80-10-SG120
R100570732	K82D1-80-10-10-100	AKUC-80-10-SG100-SU10
R903448348	K82D1-80-10-50-80	AKUC-80-10-SU50
R100495601	K82C3-80-15	AKUC-80-15
R100613883	K82D1-80-15-30-120	AKUC-80-15-SG120-SU30
R100607035	K82D1-80-15-60-80	AKUC-80-15-SU60
R100670125	K82D1-80-15-0-100	AKUC-80-15-SG100
R100593013	K82D1-80-15-0-120	AKUC-80-15-SG120
R100383249	K82C3-80-20	AKUC-80-20
R903448347	K82D1-80-20-10-100	AKUC-80-20-SG100-SU10
R903448346	K82D1-80-20-30-80	AKUC-80-20-SU30
R100489654	K82C3-80-25	AKUC-80-25
R100572016	K82D1-80-25-45-80	AKUC-80-25-SU45
R100239759	K82C3-80-30	AKUC-80-30
R100635388	K82D1-80-30-60-100	AKUC-80-30-SG100-SU60
R100670136	K82D1-80-30-0-100	AKUC-80-30-SG100
R100529772	K82C3-80-35	AKUC-80-35
R100635476	K82D1-80-35-60-120	AKUC-80-35-SG120-SU60
R100382161	K82D1-80-35-0-100	AKUC-80-35-SG100
R100449022	K82C3-80-40	AKUC-80-40
R100597906	K82D1-80-40-30-80	AKUC-80-40-SU30

KAM ÜNİTESİ ALTERNATİF KODLARI / CAM UNIT ALTERNATIVE CODES

[illegible]

[illegible]

[illegible]

 RENAULT		
MABEC KOD / CODE	KPS KOD / CODE	STD KOD / CODE
R100694867	K82L0-46-0	ACKBK-46-00
R100694884	K82M0-46-0-60-46	ACKBK-46-00-SU60
R100694868	K82L0-46-5	ACKBK-46-05
R100694885	K82M0-46-5-60-46	ACKBK-46-05-SU60
R100694869	K82L0-46-10	ACKBK-46-10
R100694886	K82M0-46-10-60-46	ACKBK-46-10-SU60
R100694870	K82L0-46-15	ACKBK-46-15
R100694887	K82M0-46-15-60-46	ACKBK-46-15-SU60
R100694871	K82L0-46-20	ACKBK-46-20
R100694888	K82M0-46-20-60-46	ACKBK-46-20-SU60
R100694872	K82L0-46-25	ACKBK-46-25
R100694889	K82M0-46-25-60-46	ACKBK-46-25-SU60
R100694873	K82L0-46-30	ACKBK-46-30
R100694890	K82M0-46-30-60-46	ACKBK-46-30-SU60
R100694874	K82L0-46-35	ACKBK-46-35
R100694891	K82M0-46-35-60-46	ACKBK-46-35-SU60
R100694875	K82L0-46-40	ACKBK-46-40
R100694892	K82M0-46-40-60-46	ACKBK-46-40-SU60
R100694876	K82L0-46-45	ACKBK-46-45
R100694893	K82M0-46-45-60-46	ACKBK-46-45-SU60
R100694877	K82L0-46-50	ACKBK-46-50
R100694894	K82M0-46-50-60-46	ACKBK-46-50-SU60
R100694878	K82L0-46-55	ACKBK-46-55
R100694895	K82M0-46-55-60-46	ACKBK-46-55-SU60
R100694879	K82L0-46-60	ACKBK-46-60
R100694897	K82M0-46-60-60-46	ACKBK-46-60-SU60
R100694880	K82L0-46-65	ACKBK-46-65
R100694898	K82M0-46-65-60-46	ACKBK-46-65-SU60

KAM ÜNİTESİ ALTERNATİF KODLARI / CAM UNIT ALTERNATIVE CODES

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 RENAULT		
MABEC KOD / CODE	KPS KOD / CODE	STD KOD / CODE
R100694842	K82J0-46-0	ACKBU-46-00
R100694855	K82K0-46-0-60-46	ACKBU-46-00-SU60
R100694843	K82J0-46-5	ACKBU-46-05
R100694856	K82K0-46-5-60-46	ACKBU-46-05-SU60
R100694844	K82J0-46-10	ACKBU-46-10
R100694857	K82K0-46-10-60-46	ACKBU-46-10-SU60
R100694846	K82J0-46-15	ACKBU-46-15
R100694858	K82K0-46-15-60-46	ACKBU-46-15-SU60
R100694847	K82J0-46-20	ACKBU-46-20
R100694859	K82K0-46-20-60-46	ACKBU-46-20-SU60
R100694849	K82J0-46-25	ACKBU-46-25
R100694860	K82K0-46-25-60-46	ACKBU-46-25-SU60
R100694850	K82J0-46-30	ACKBU-46-30
R100694861	K82K0-46-30-60-46	ACKBU-46-30-SU60
R100694851	K82J0-46-35	ACKBU-46-35
R100694862	K82K0-46-35-60-46	ACKBU-46-35-SU60
R100694852	K82J0-46-40	ACKBU-46-40
R100694863	K82K0-46-40-60-46	ACKBU-46-40-SU60
R100694853	K82J0-46-45	ACKBU-46-45
R100694864	K82K0-46-45-60-46	ACKBU-46-45-SU60
R100694854	K82J0-46-50	ACKBU-46-50
R100694865	K82K0-46-50-60-46	ACKBU-46-50-SU60

 RENAULT		
MABEC KOD / CODE	KPS KOD / CODE	STD KOD / CODE
R100694810	K82G0-58-0	ACKSK-58-00
R100694982	K82U0-58-0	ACKSK-58-00
R100699291	K82?0-58-0	ACKSK-58-00
R100694829	K82H0-58-0-60-58	ACKSK-58-00-SU60
R100694999	K82V0-58-0-60-58	ACKSK-58-00-SU60
R100699308	K82?0-58-0-60-58	ACKSK-58-00-SU60
R100694812	K82G0-58-5	ACKSK-58-05
R100694983	K82U0-58-5	ACKSK-58-05
R100699292	K82?0-58-5	ACKSK-58-05
R100694830	K82H0-58-5-60-58	ACKSK-58-05-SU60
R100695000	K82V0-58-5-60-58	ACKSK-58-05-SU60
R100699309	K82?0-58-5-60-58	ACKSK-58-05-SU60
R100694813	K82G0-58-10	ACKSK-58-10
R100694984	K82U0-58-10	ACKSK-58-10
R100699293	K82?0-58-10	ACKSK-58-10
R100694831	K82H0-58-10-60-58	ACKSK-58-10-SU60
R100695001	K82V0-58-10-60-58	ACKSK-58-10-SU60
R100699310	K82?0-58-10-60-58	ACKSK-58-10-SU60
R100694814	K82G0-58-15	ACKSK-58-15
R100694985	K82U0-58-15	ACKSK-58-15
R100699294	K82?0-58-15	ACKSK-58-15
R100694832	K82H0-58-15-60-58	ACKSK-58-15-SU60
R100695002	K82V0-58-15-60-58	ACKSK-58-15-SU60
R100699311	K82?0-58-15-60-58	ACKSK-58-15-SU60
R100694815	K82G0-58-20	ACKSK-58-20
R100694986	K82U0-58-20	ACKSK-58-20
R100699295	K82?0-58-20	ACKSK-58-20

 RENAULT		
MABEC KOD / CODE	KPS KOD / CODE	STD KOD / CODE
R100694833	K82H0-58-20-60-58	ACKSK-58-20-SU60
R100695003	K82V0-58-20-60-58	ACKSK-58-20-SU60
R100699312	K82?0-58-20-60-58	ACKSK-58-20-SU60
R100694816	K82G0-58-25	ACKSK-58-25
R100694987	K82U0-58-25	ACKSK-58-25
R100699296	K82?0-58-25	ACKSK-58-25
R100694834	K82H0-58-25-60-58	ACKSK-58-25-SU60
R100695004	K82V0-58-25-60-58	ACKSK-58-25-SU60
R100699313	K82?0-58-25-60-58	ACKSK-58-25-SU60
R100694817	K82G0-58-30	ACKSK-58-30
R100694988	K82U0-58-30	ACKSK-58-30
R100699297	K82?0-58-30	ACKSK-58-30
R100694835	K82H0-58-30-60-58	ACKSK-58-30-SU60
R100695005	K82V0-58-30-60-58	ACKSK-58-30-SU60
R100699314	K82?0-58-30-60-58	ACKSK-58-30-SU60
R100694818	K82G0-58-35	ACKSK-58-35
R100694989	K82U0-58-35	ACKSK-58-35
R100699298	K82?0-58-35	ACKSK-58-35
R100694836	K82H0-58-35-60-58	ACKSK-58-35-SU60
R100695006	K82V0-58-35-60-58	ACKSK-58-35-SU60
R100699315	K82?0-58-35-60-58	ACKSK-58-35-SU60
R100694819	K82G0-58-40	ACKSK-58-40
R100694990	K82U0-58-40	ACKSK-58-40
R100699299	K82?0-58-40	ACKSK-58-40
R100694837	K82H0-58-40-60-58	ACKSK-58-40-SU60
R100695007	K82V0-58-40-60-58	ACKSK-58-40-SU60
R100699316	K82?0-58-40-60-58	ACKSK-58-40-SU60

 RENAULT		
MABEC KOD / CODE	KPS KOD / CODE	STD KOD / CODE
R100694821	K82G0-58-45	ACKSK-58-45
R100694991	K82U0-58-45	ACKSK-58-45
R100699300	K82?0-58-45	ACKSK-58-45
R100694838	K82H0-58-45-60-58	ACKSK-58-45-SU60
R100695008	K82V0-58-45-60-58	ACKSK-58-45-SU60
R100699317	K82?0-58-45-60-58	ACKSK-58-45-SU60
R100694822	K82G0-58-50	ACKSK-58-50
R100694992	K82U0-58-50	ACKSK-58-50
R100699301	K82?0-58-50	ACKSK-58-50
R100694839	K82H0-58-50-60-58	ACKSK-58-50-SU60
R100695009	K82V0-58-50-60-58	ACKSK-58-50-SU60
R100699319	K82?0-58-50-60-58	ACKSK-58-50-SU60
R100694823	K82G0-58-55	ACKSK-58-55
R100694993	K82U0-58-55	ACKSK-58-55
R100699302	K82?0-58-55	ACKSK-58-55
R100694840	K82H0-58-55-60-58	ACKSK-58-55-SU60
R100695010	K82V0-58-55-60-58	ACKSK-58-55-SU60
R100699320	K82?0-58-55-60-58	ACKSK-58-55-SU60
R100694836	K82G0-58-60	ACKSK-58-60
R100695006	K82U0-58-60	ACKSK-58-60
R100699315	K82?0-58-60	ACKSK-58-60
R100653899	K82H0-58-60-60-58	ACKSK-58-60-SU60
R100695011	K82V0-58-60-60-58	ACKSK-58-60-SU60
R100699321	K82?0-58-60-60-58	ACKSK-58-60-SU60
R100694825	K82G0-58-65	ACKSK-58-65
R100694995	K82U0-58-65	ACKSK-58-65
R100699304	K82?0-58-65	ACKSK-58-65

 RENAULT		
MABEC KOD / CODE	KPS KOD / CODE	STD KOD / CODE
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R100695012	K82V0-58-65-60-58	ACKSK-58-65-SU60
R100699322	K82?0-58-65-60-58	ACKSK-58-65-SU60
R100694826	K82G0-58-70	ACKSK-58-70
R100694996	K82U0-58-70	ACKSK-58-70
R100699305	K82?0-58-70	ACKSK-58-70
R100653900	K82H0-58-70-60-58	ACKSK-58-70-SU60
R100695013	K82V0-58-70-60-58	ACKSK-58-70-SU60
R100699323	K82?0-58-70-60-58	ACKSK-58-70-SU60
R100694827	K82G0-58-75	ACKSK-58-75
R100694997	K82U0-58-75	ACKSK-58-75
R100699306	K82?0-58-75	ACKSK-58-75
R100653895	K82H0-58-75-60-58	ACKSK-58-75-SU60
R100695014	K82V0-58-75-60-58	ACKSK-58-75-SU60
R100699324	K82?0-58-75-60-58	ACKSK-58-75-SU60
R100694828	K82G0-58-80	ACKSK-58-80
R100694998	K82U0-58-80	ACKSK-58-80
R100699307	K82?0-58-80	ACKSK-58-80
R100694841	K82H0-58-80-60-58	ACKSK-58-80-SU60
R100695015	K82V0-58-80-60-58	ACKSK-58-80-SU60
R100699325	K82?0-58-80-60-58	ACKSK-58-80-SU60

 RENAULT		
MABEC KOD / CODE	KPS KOD / CODE	STD KOD / CODE
R100694926	K82Q0-72-0	ACKSK-72-00
R100695038	K82Y0-72-0	ACKSK-72-00
R100699346	K82?0-72-0	ACKSK-72-00
R100694943	K82R0-72-0-60-72	ACKSK-72-00-SU60
R100695056	K82Z0-72-0-60-72	ACKSK-72-00-SU60
R100699364	K82?0-72-0-60-72	ACKSK-72-00-SU60
R100694928	K82Q0-72-5	ACKSK-72-05
R100695039	K82Y0-72-5	ACKSK-72-05
R100699347	K82?0-72-5	ACKSK-72-05
R100694944	K82R0-72-5-60-72	ACKSK-72-05-SU60
R100695057	K82Z0-72-5-60-72	ACKSK-72-05-SU60
R100699365	K82?0-72-5-60-72	ACKSK-72-05-SU60
R100694929	K82Q0-72-10	ACKSK-72-10
R100695040	K82Y0-72-10	ACKSK-72-10
R100699348	K82?0-72-10	ACKSK-72-10
R100694945	K82R0-72-10-60-72	ACKSK-72-10-SU60
R100695058	K82Z0-72-10-60-72	ACKSK-72-10-SU60
R100699366	K82?0-72-10-60-72	ACKSK-72-10-SU60
R100694930	K82Q0-72-15	ACKSK-72-15
R100695041	K82Y0-72-15	ACKSK-72-15
R100699349	K82?0-72-15	ACKSK-72-15
R100694946	K82R0-72-15-60-72	ACKSK-72-15-SU60
R100695059	K82Z0-72-15-60-72	ACKSK-72-15-SU60
R100699367	K82?0-72-15-60-72	ACKSK-72-15-SU60
R100694931	K82Q0-72-20	ACKSK-72-20
R100695042	K82Y0-72-20	ACKSK-72-20
R100699350	K82?0-72-20	ACKSK-72-20

 RENAULT		
MABEC KOD / CODE	KPS KOD / CODE	STD KOD / CODE
R100694947	K82R0-72-20-60-72	ACKSK-72-20-SU60
R100695060	K82Z0-72-20-60-72	ACKSK-72-20-SU60
R100699368	K82?0-72-20-60-72	ACKSK-72-20-SU60
R100694932	K82Q0-72-25	ACKSK-72-25
R100695043	K82Y0-72-25	ACKSK-72-25
R100699351	K82?0-72-25	ACKSK-72-25
R100694948	K82R0-72-25-60-72	ACKSK-72-25-SU60
R100695061	K82Z0-72-25-60-72	ACKSK-72-25-SU60
R100699369	K82?0-72-25-60-72	ACKSK-72-25-SU60
R100694933	K82Q0-72-30	ACKSK-72-30
R100695044	K82Y0-72-30	ACKSK-72-30
R100699352	K82?0-72-30	ACKSK-72-30
R100694949	K82R0-72-30-60-72	ACKSK-72-30-SU60
R100695062	K82Z0-72-30-60-72	ACKSK-72-30-SU60
R100699370	K82?0-72-30-60-72	ACKSK-72-30-SU60
R100694934	K82Q0-72-35	ACKSK-72-35
R100695046	K82Y0-72-35	ACKSK-72-35
R100699353	K82?0-72-35	ACKSK-72-35
R100694950	K82R0-72-35-60-72	ACKSK-72-35-SU60
R100695063	K82Z0-72-35-60-72	ACKSK-72-35-SU60
R100699371	K82?0-72-35-60-72	ACKSK-72-35-SU60
R100694935	K82Q0-72-40	ACKSK-72-40
R100695047	K82Y0-72-40	ACKSK-72-40
R100699354	K82?0-72-40	ACKSK-72-40
R100694951	K82R0-72-40-60-72	ACKSK-72-40-SU60
R100695064	K82Z0-72-40-60-72	ACKSK-72-40-SU60
R100699372	K82?0-72-40-60-72	ACKSK-72-40-SU60

 RENAULT		
MABEC KOD / CODE	KPS KOD / CODE	STD KOD / CODE
R100694936	K82Q0-72-45	ACKSK-72-45
R100695048	K82Y0-72-45	ACKSK-72-45
R100699355	K82?0-72-45	ACKSK-72-45
R100694952	K82R0-72-45-60-72	ACKSK-72-45-SU60
R100695065	K82Z0-72-45-60-72	ACKSK-72-45-SU60
R100699373	K82?0-72-45-60-72	ACKSK-72-45-SU60
R100694937	K82Q0-72-50	ACKSK-72-50
R100695048	K82Y0-72-50	ACKSK-72-50
R100699355	K82?0-72-50	ACKSK-72-50
R100694953	K82R0-72-50-60-72	ACKSK-72-50-SU60
R100695066	K82Z0-72-50-60-72	ACKSK-72-50-SU60
R100699374	K82?0-72-50-60-72	ACKSK-72-50-SU60
R100694938	K82Q0-72-55	ACKSK-72-55
R100695050	K82Y0-72-55	ACKSK-72-55
R100699357	K82?0-72-55	ACKSK-72-55
R100694954	K82R0-72-55-60-72	ACKSK-72-55-SU60
R100695067	K82Z0-72-55-60-72	ACKSK-72-55-SU60
R100699375	K82?0-72-55-60-72	ACKSK-72-55-SU60
R100694939	K82Q0-72-60	ACKSK-72-60
R100695051	K82Y0-72-60	ACKSK-72-60
R100699359	K82?0-72-60	ACKSK-72-60
R100694955	K82R0-72-60-60-72	ACKSK-72-60-SU60
R100695068	K82Z0-72-60-60-72	ACKSK-72-60-SU60
R100699376	K82?0-72-60-60-72	ACKSK-72-60-SU60
R100694940	K82Q0-72-65	ACKSK-72-65
R100695052	K82Y0-72-65	ACKSK-72-65
R100699360	K82?0-72-65	ACKSK-72-65

 RENAULT		
MABEC KOD / CODE	KPS KOD / CODE	STD KOD / CODE
R100694956	K82R0-72-65-60-72	ACKSK-72-65-SU60
R100695069	K82Z0-72-65-60-72	ACKSK-72-65-SU60
R100699378	K82?0-72-65-60-72	ACKSK-72-65-SU60
R100694941	K82Q0-72-70	ACKSK-72-70
R100695053	K82Y0-72-70	ACKSK-72-70
R100699361	K82?0-72-70	ACKSK-72-70
R100694957	K82R0-72-70-60-72	ACKSK-72-70-SU60
R100695070	K82Z0-72-70-60-72	ACKSK-72-70-SU60
R100699379	K82?0-72-70-60-72	ACKSK-72-70-SU60
R100694942	K82Q0-72-75	ACKSK-72-75
R100695054	K82Y0-72-75	ACKSK-72-75
R100699362	K82?0-72-75	ACKSK-72-75
R100694958	K82R0-72-75-60-72	ACKSK-72-75-SU60
R100695071	K82Z0-72-75-60-72	ACKSK-72-75-SU60
R100653902	K82?0-72-75-60-72	ACKSK-72-75-SU60
R100663067	K82Q0-72-80	ACKSK-72-80
R100695055	K82Y0-72-80	ACKSK-72-80
R100699363	K82?0-72-80	ACKSK-72-80
R100694959	K82R0-72-80-60-72	ACKSK-72-80-SU60
R100695072	K82Z0-72-80-60-72	ACKSK-72-80-SU60
R100699380	K82?0-72-80-60-72	ACKSK-72-80-SU60

 RENAULT		
MABEC KOD / CODE	KPS KOD / CODE	STD KOD / CODE
R100630965	K82E0-58-0	ACKSU-58-00
R100694960	K82S0-58-0	ACKSU-58-00
R100695073	K82?0-58-0	ACKSU-58-00
R100694799	K82F0-58-0-60-58	ACKSU-58-00-SU60
R100694972	K82T0-58-0-60-58	ACKSU-58-00-SU60
R100695084	K82?0-58-0-60-58	ACKSU-58-00-SU60
R100694789	K82E0-58-5	ACKSU-58-05
R100694961	K82S0-58-5	ACKSU-58-05
R100695074	K82?0-58-5	ACKSU-58-05
R100694800	K82F0-58-5-60-58	ACKSU-58-05-SU60
R100661908	K82T0-58-5-60-58	ACKSU-58-05-SU60
R100695085	K82?0-58-5-60-58	ACKSU-58-05-SU60
R100694790	K82E0-58-10	ACKSU-58-10
R100694962	K82S0-58-10	ACKSU-58-10
R100695075	K82?0-58-10	ACKSU-58-10
R100694801	K82F0-58-10-60-58	ACKSU-58-10-SU60
R100694973	K82T0-58-10-60-58	ACKSU-58-10-SU60
R100695086	K82?0-58-10-60-58	ACKSU-58-10-SU60
R100694791	K82E0-58-15	ACKSU-58-15
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R100695076	K82?0-58-15	ACKSU-58-15
R100694802	K82F0-58-15-60-58	ACKSU-58-15-SU60
R100694974	K82T0-58-15-60-58	ACKSU-58-15-SU60
R100695087	K82?0-58-15-60-58	ACKSU-58-15-SU60
R100694792	K82E0-58-20	ACKSU-58-20
R100694965	K82S0-58-20	ACKSU-58-20
R100695077	K82?0-58-20	ACKSU-58-20

 RENAULT		
MABEC KOD / CODE	KPS KOD / CODE	STD KOD / CODE
R100694803	K82F0-58-20-60-58	ACKSU-58-20-SU60
R100694975	K82T0-58-20-60-58	ACKSU-58-20-SU60
R100695088	K82?0-58-20-60-58	ACKSU-58-20-SU60
R100694793	K82E0-58-25	ACKSU-58-25
R100694966	K82S0-58-25	ACKSU-58-25
R100695078	K82?0-58-25	ACKSU-58-25
R100694804	K82F0-58-25-60-58	ACKSU-58-25-SU60
R100653401	K82T0-58-25-60-58	ACKSU-58-25-SU60
R100695089	K82?0-58-25-60-58	ACKSU-58-25-SU60
R100694794	K82E0-58-30	ACKSU-58-30
R100694967	K82S0-58-30	ACKSU-58-30
R100695079	K82?0-58-30	ACKSU-58-30
R100694805	K82F0-58-30-60-58	ACKSU-58-30-SU60
R100694976	K82T0-58-30-60-58	ACKSU-58-30-SU60
R100695090	K82?0-58-30-60-58	ACKSU-58-30-SU60
R100694795	K82E0-58-35	ACKSU-58-35
R100694968	K82S0-58-35	ACKSU-58-35
R100695080	K82?0-58-35	ACKSU-58-35
R100694806	K82F0-58-35-60-58	ACKSU-58-35-SU60
R100694977	K82T0-58-35-60-58	ACKSU-58-35-SU60
R100695092	K82?0-58-35-60-58	ACKSU-58-35-SU60
R100694796	K82E0-58-40	ACKSU-58-40
R100694969	K82S0-58-40	ACKSU-58-40
R100695081	K82?0-58-40	ACKSU-58-40
R100694807	K82F0-58-40-60-58	ACKSU-58-40-SU60
R100694978	K82T0-58-40-60-58	ACKSU-58-40-SU60
R100695093	K82?0-58-40-60-58	ACKSU-58-40-SU60

KAM ÜNİTESİ ALTERNATİF KODLARI / CAM UNIT ALTERNATIVE CODES

[illegible]

 RENAULT		
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R100695016	K82W0-72-0	ACKSU-72-00
R100699326	K82?0-72-0	ACKSU-72-00
R100694915	K82P0-72-0-60-72	ACKSU-72-00-SU60
R100695027	K82X0-72-0-60-72	ACKSU-72-00-SU60
R100680384	K82?0-72-0-60-72	ACKSU-72-00-SU60
R100694903	K82N0-72-5	ACKSU-72-05
R100695017	K82W0-72-5	ACKSU-72-05
R100680382	K82?0-72-5	ACKSU-72-05
R100694916	K82P0-72-5-60-72	ACKSU-72-05-SU60
R100695028	K82X0-72-5-60-72	ACKSU-72-05-SU60
R100699335	K82?0-72-5-60-72	ACKSU-72-05-SU60
R100695018	K82N0-72-10	ACKSU-72-10
R100694962	K82W0-72-10	ACKSU-72-10
R100699327	K82?0-72-10	ACKSU-72-10
R100694917	K82P0-72-10-60-72	ACKSU-72-10-SU60
R100695029	K82X0-72-10-60-72	ACKSU-72-10-SU60
R100699336	K82?0-72-10-60-72	ACKSU-72-10-SU60
R100694906	K82N0-72-15	ACKSU-72-15
R100695020	K82W0-72-15	ACKSU-72-15
R100630966	K82?0-72-15	ACKSU-72-15
R100694918	K82P0-72-15-60-72	ACKSU-72-15-SU60
R100695030	K82X0-72-15-60-72	ACKSU-72-15-SU60
R100699338	K82?0-72-15-60-72	ACKSU-72-15-SU60
R100694907	K82N0-72-20	ACKSU-72-20
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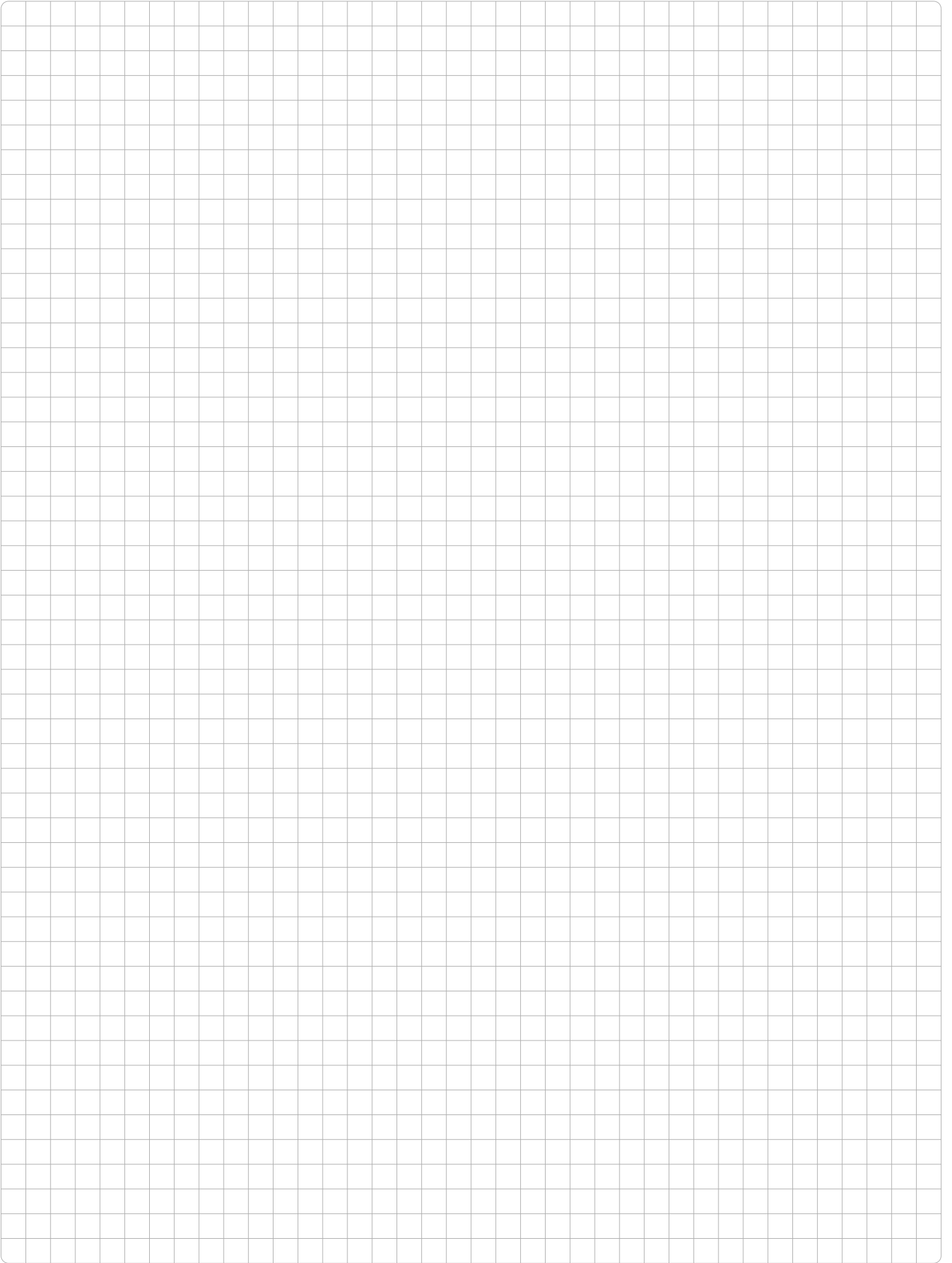
 RENAULT		
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R100695022	K82W0-72-25	ACKSU-72-25
R100699329	K82?0-72-25	ACKSU-72-25
R100694920	K82P0-72-25-60-72	ACKSU-72-25-SU60
R100695032	K82X0-72-25-60-72	ACKSU-72-25-SU60
R100699340	K82?0-72-25-60-72	ACKSU-72-25-SU60
R100694909	K82N0-72-30	ACKSU-72-30
R100695023	K82W0-72-30	ACKSU-72-30
R100699330	K82?0-72-30	ACKSU-72-30
R100694921	K82P0-72-30-60-72	ACKSU-72-30-SU60
R100695033	K82X0-72-30-60-72	ACKSU-72-30-SU60
R100699341	K82?0-72-30-60-72	ACKSU-72-30-SU60
R100694910	K82N0-72-35	ACKSU-72-35
R100695024	K82W0-72-35	ACKSU-72-35
R100699331	K82?0-72-35	ACKSU-72-35
R100694922	K82P0-72-35-60-72	ACKSU-72-35-SU60
R100695034	K82X0-72-35-60-72	ACKSU-72-35-SU60
R100699342	K82?0-72-35-60-72	ACKSU-72-35-SU60
R100694911	K82N0-72-40	ACKSU-72-40
R100695025	K82W0-72-40	ACKSU-72-40
R100699332	K82?0-72-40	ACKSU-72-40
R100694923	K82P0-72-40-60-72	ACKSU-72-40-SU60
R100695035	K82X0-72-40-60-72	ACKSU-72-40-SU60
R100699343	K82?0-72-40-60-72	ACKSU-72-40-SU60

KAM ÜNİTESİ ALTERNATİF KODLARI / CAM UNIT ALTERNATIVE CODES

[illegible]

[illegible]

[illegible]



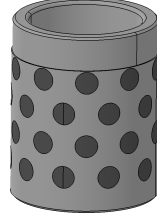
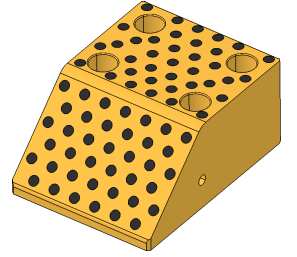
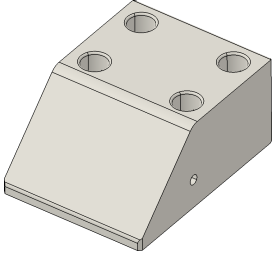
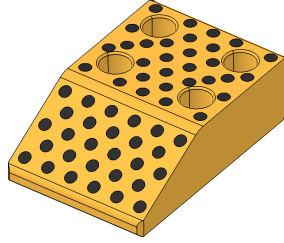
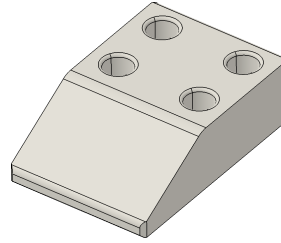
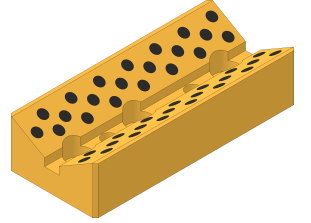
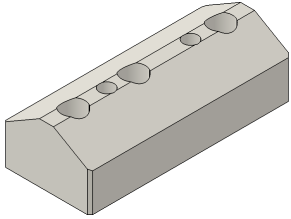
A - KILAVUZLAMA ELEMANLARI / SLIDING ELEMENTS

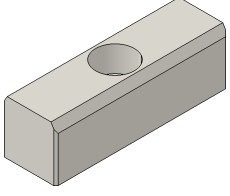
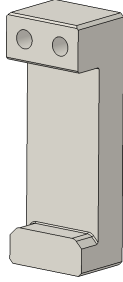
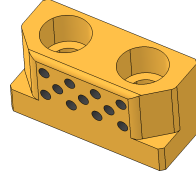
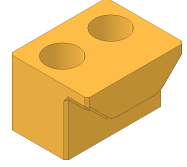
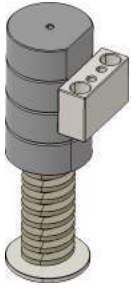
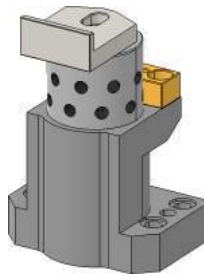
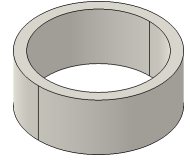
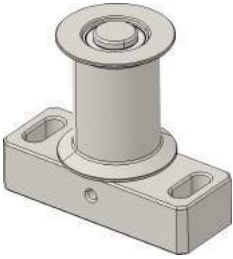
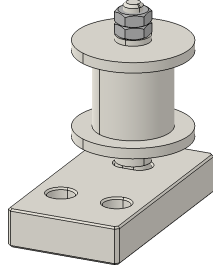
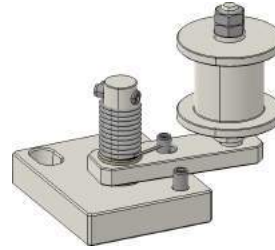
B - KALIP TAŞIMA ELEMANLARI / LIFTING ELEMENTS

C - MEKANİK KALIP ELEMANLARI / DIE COMPONENTS

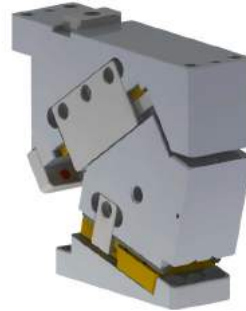
D - KAM ÜNİTELERİ / CAM UNITS

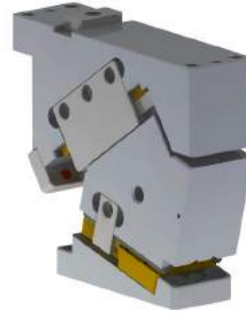
RENAULT MABEC EM24 STANDARTLARI / STANDARDS 2018

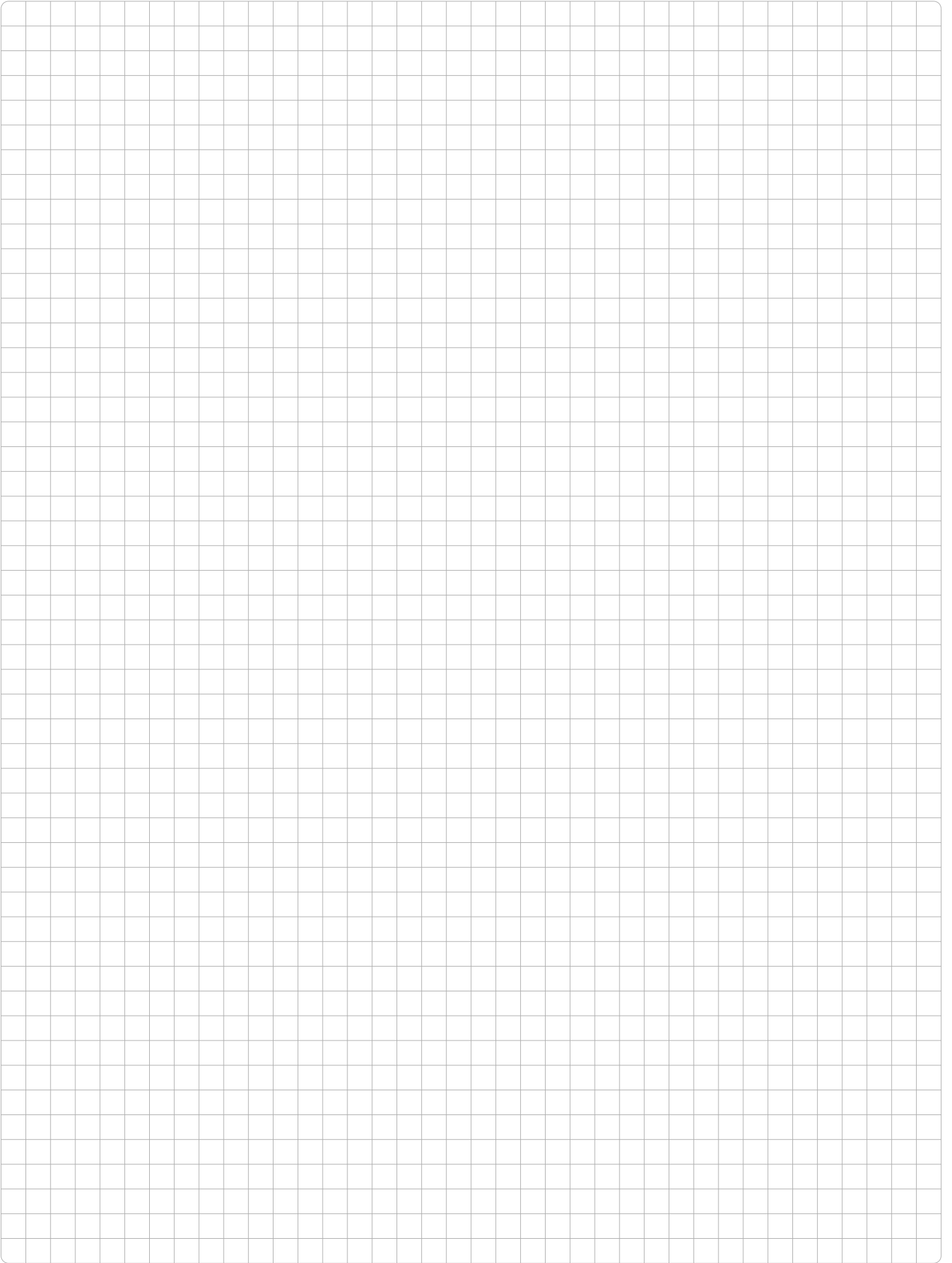
A - KILAVUZLAMA ELEMANLARI / SLIDING ELEMENTS**KK15****4****GBU05****6****GBUD****8****SPB48****9****SPS48****10****SPB49****11****SPS49****12****SPV11****13****SPV12****14**

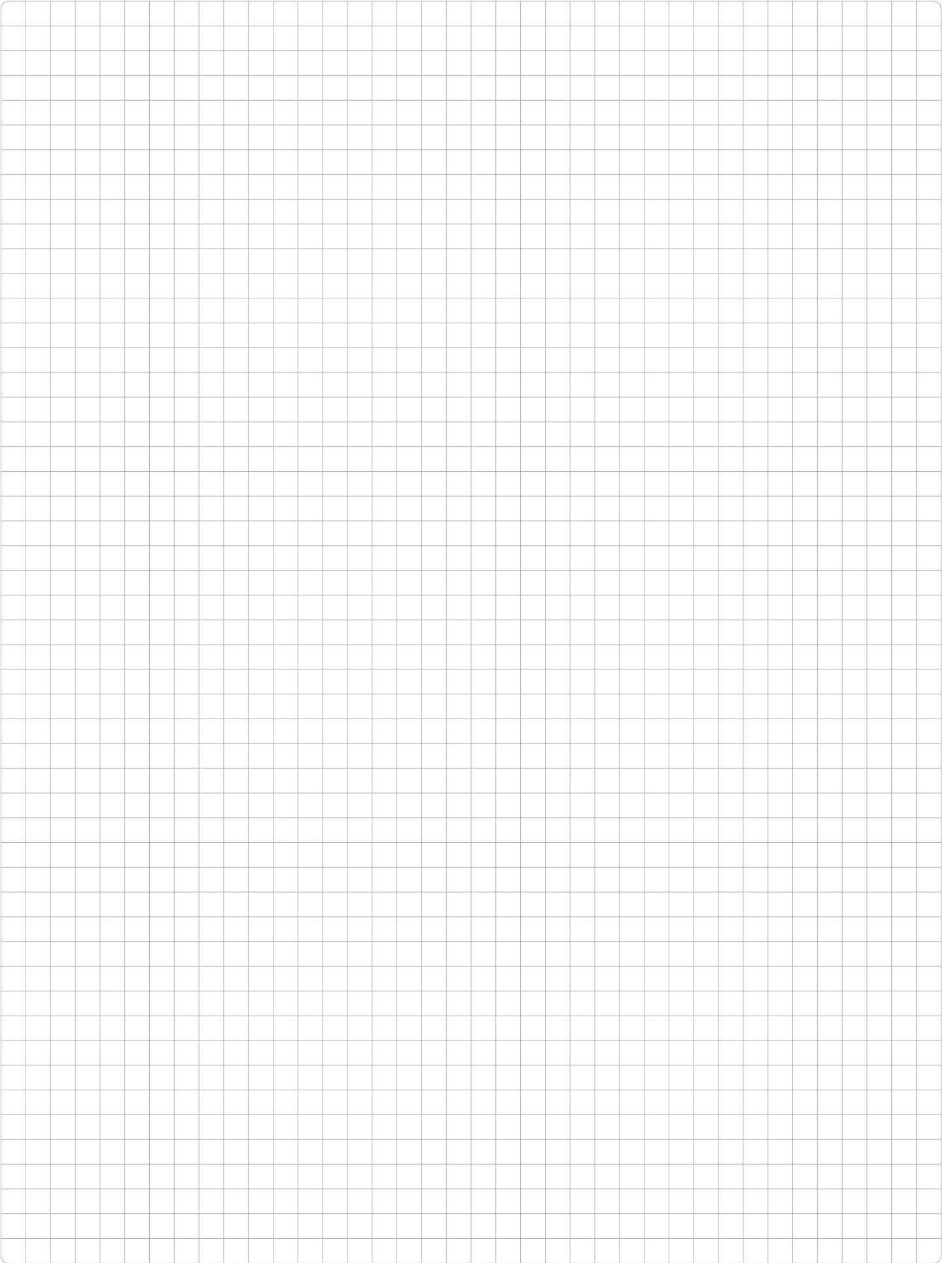
C - MEKANİK KALIP ELEMANLARI / DIE COMPONENTS**KM09****18****KGK05****19****KGK06****20****KGK07****21****YKS01****22****YKS02****23****YKS03****24****FNCL****26****SSRK****27****SRBS****28****SRSL / SRSR****29**

D - KAM ÜNİTELERİ / CAM UNITS**AKSD****AKSD-52** 37**AKBLN****AKBLN-68** 45**AKSNC****AKSNC-65** 53**AKUC****AKUC-65** 61**AKUC-80** 67

D - KAM ÜNİTELERİ / CAM UNITS**AKSOUK****AKSOUK-100 75****AKSOUK-200 81****ACKBK****ACKBK-46 89****ACKBU****ACKBU-46 95****ACKSK****ACKSK-58 103****ACKSK-72 115**

D - KAM ÜNİTELERİ / CAM UNITS**ACKSU****ACKSU-58 109****ACKSU-72 115****AKCD****AKCD-52-□-55 129****AKMSC****AKMSC-50-□-55 137**





standart KALIP

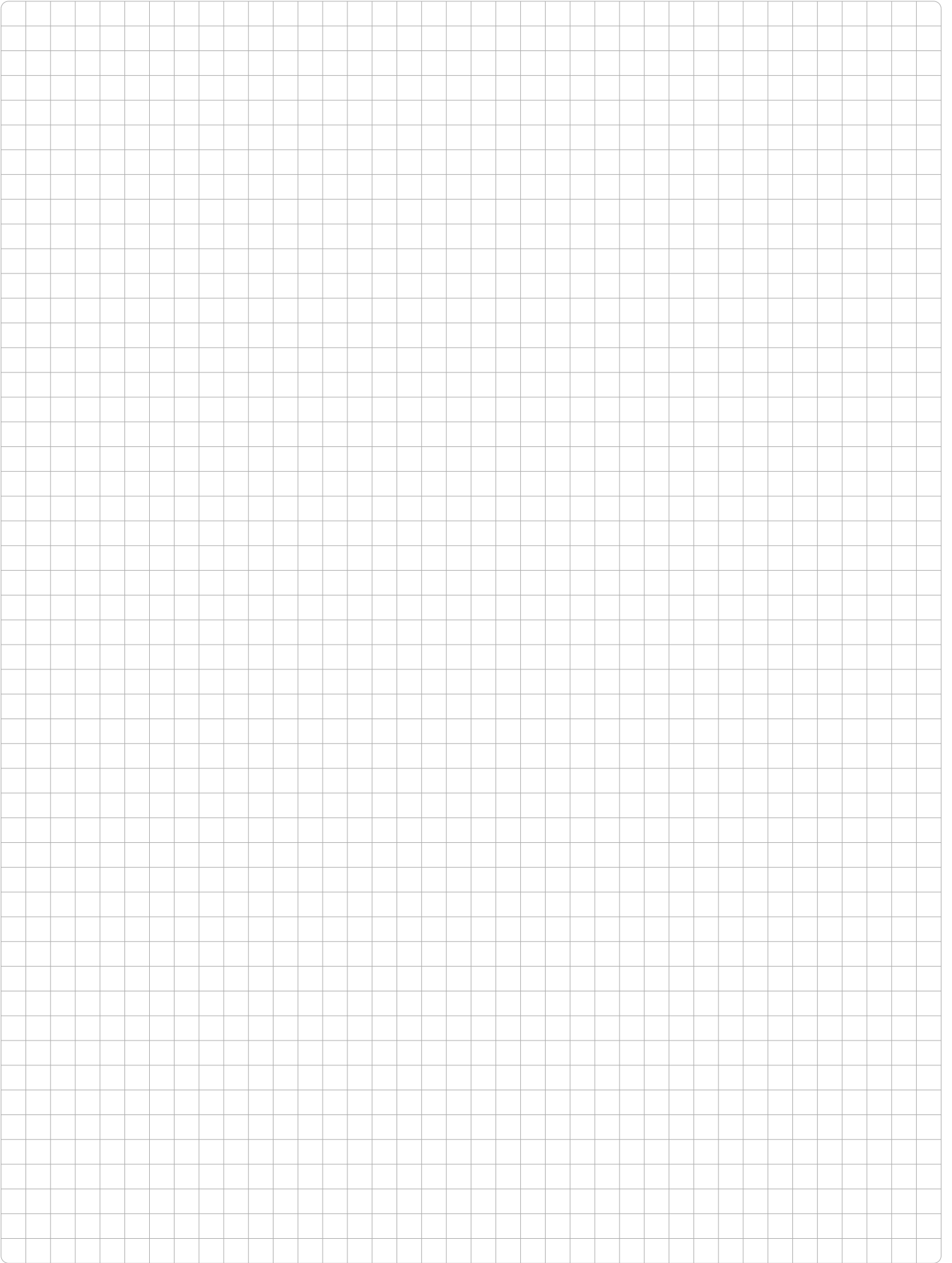


RENAULT



RENAULT MABEC - NISSAN KPS
STANDARTLARI / **STANDARDS**

A- KILAVUZLAMA ELEMANLARI
A- SLIDING ELEMENTS





Kılavuz Kolon / Guide Bush

Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

Sipariş Kodu / Order Code
KK15 - D - L

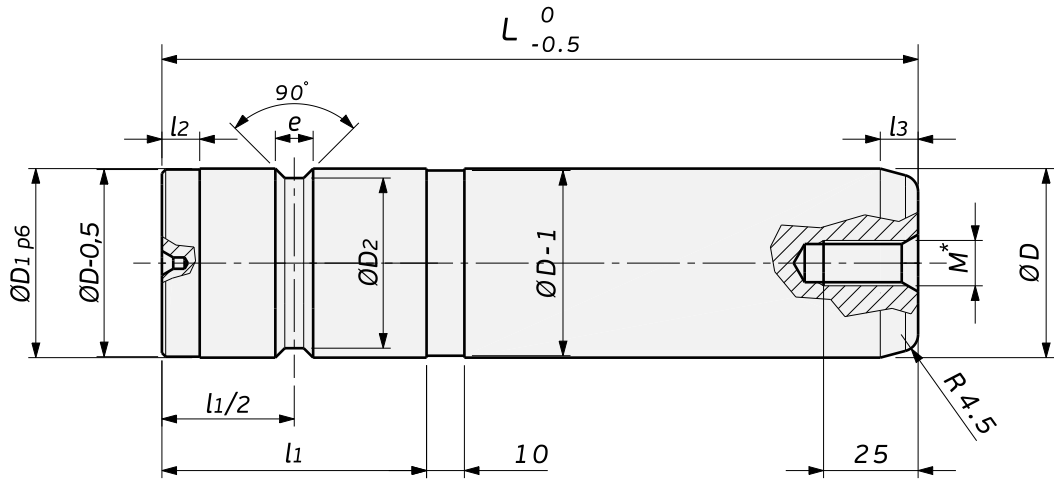
Malzeme / Material

$\varnothing D \leq 30$
1.7131 (16MnCr5)
HRC 60+2

$\varnothing D \geq 40$
Ç1050
HRC 60+2

Referans Kod / Reference Code

RENAULT / MABEC
NISSAN / K121*



* VSZ Kodu eklenirse vidasız gönderilir.
VSZ code without screw

Sipariş Kodu / Order Code KK15 - D - L

D	25	30	40	50	60	65	80	100
D tolerans tolerance		-0,005 -0,015			-0,01 -0,02		-0,01 -0,025	
D1	25	30	40	50	60	65	80	100
D1 tolerans tolerance		+0,022 +0,035		+0,026 +0,042		+0,032 +0,051		+0,037 +0,059
D2	21	26	36	45	55	60	75	95
l₁	30	40	50	70	90	100	120	150
l₂		5				10		
l₃								
e		8		10		12		
M		M8				M12		
L								
80	●							
100	●	●						
120	●	●	●					
140		●	●					
160		●	●	●				
180		●	●	●				
200			●	●	●			
220					●			
250				●	●		●	
300				●	●	●	●	●
350					●	●	●	●
400						●	●	●

Kolon Kodu Guide Post Code	D	L	Vidasız Without Screws	
KK15	60	350		
KK15	30	100	VSZ	

Örnek / Example **KK15-80-250**



■ Grafitli Bronz Burç / Oilless Guide Bush

● Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

Sipariş Kodu / Order Code
GBU05 - D₁ - L - D₂

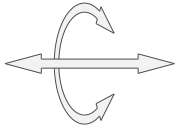
● Malzeme / Material

SAE430B (C86300)
HB > 190

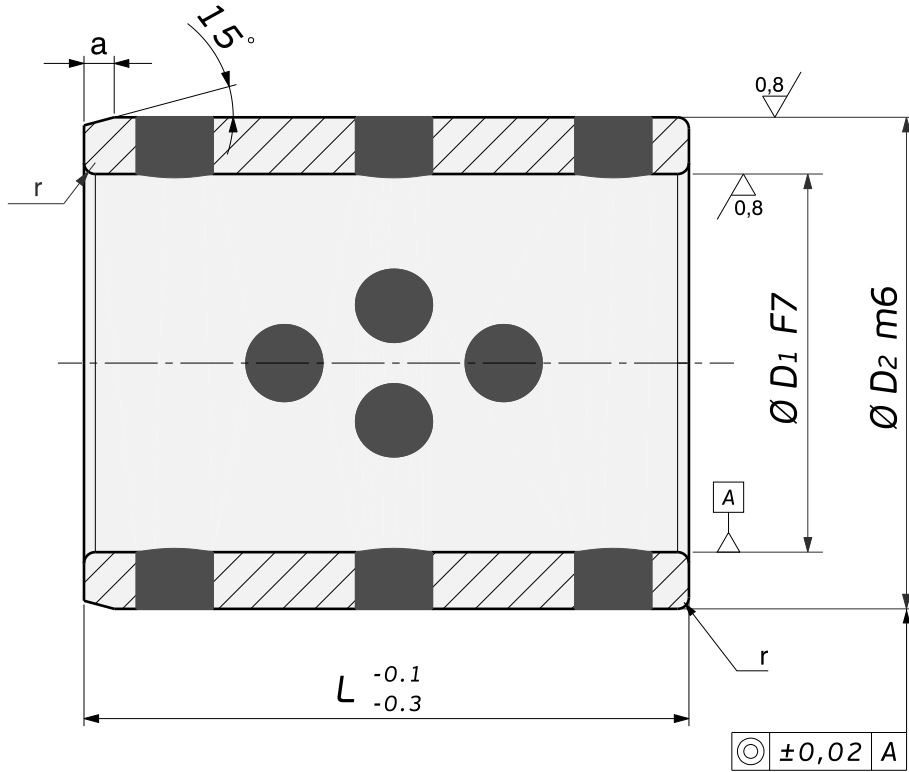
Grafitli Bronz
Bronze with Graphite

● Referans Kod / Reference Code

FORD / WDX 13 80
RENAULT /
NISSAN / KPS



Çalışma Yönü
Sliding Direction



Sipariş Kodu / Order Code GBU05 - D₁ - L - D₂



D1	8	10	12	13	14	15	16	18	19	20	24	25	28	30	32	35	38	40						
D2	12	14	15	18	19	20	21	22	24	25	26	28	30	32	33	35	38	40	42	44	45	48	50	55
r			0,5									0,75										1,5		
a					2									4										
L																								
8	●	●																						
10	●	●	●	●	●	●	●	●																
12	●	●		●		●	●	●																
15	●	●		●	●	●	●	●	●			●												
16				●	●		●	●	●			●	●			●	●							
20		●		●	●	●	●	●	●			●	●			●	●		●	●			●	
25				●		●	●	●	●			●	●			●	●		●	●			●	●
30				●		●	●	●	●			●	●			●	●	●	●	●		●	●	●
35								●	●	●		●	●	●		●	●				●	●	●	●
40								●	●		●	●	●			●	●	●	●		●	●	●	●
50											●			●	●		●	●			●	●		●
60																●		●	●	●	●		●	●
70																						●	●	
80																							●	

Sipariş Kodu / Order Code GBU05 - D1 - L - D2

D1	45			50		55		60	63	65	70		75		80		85	90	100	110	120	130	140	150	160
D2	55	56	60	62	65	70	74	75	80	85	90	95	96	100	110	120	130	140	145	150	160	170	180		
r			1,5											2											
a											4														
L																									
30	●	●	●	●	●	●		●	●																
35	●	●	●	●	●			●	●			●													
40	●	●	●	●	●	●	●	●	●			●				●	●								
50	●	●	●	●	●	●	●	●	●		●	●	●			●	●								
60	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●					
70			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●					
80			●	●		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●				
95				●																					
100					●			●			●		●	●	●	●	●	●	●	●	●	●	●	●	●
120									●					●	●			●	●	●	●	●	●		
130																						●			
140															●				●		●		●		
150																								●	●


Grafitli Döküm Burç / Guide Bush
Not / Note

Tüm köşelere pah kırılacaktır
 Break all sharp edges

Toleranssız tüm ölçüler
 EN 22768-1 standartlarında
 All dimensions without tolerance
 as per EN 22768-1

Sipariş Kodu / Order Code
 GBUD - D1

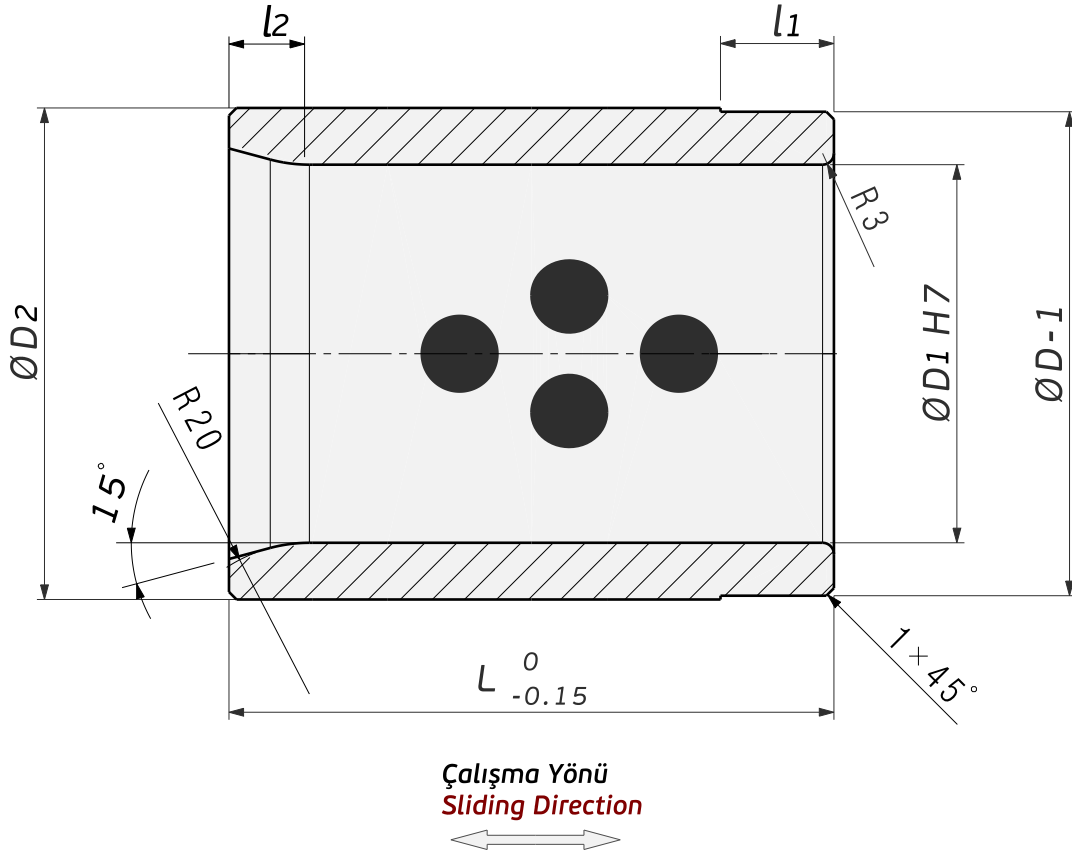
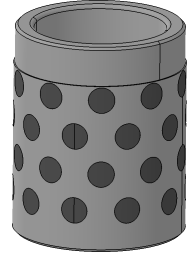
Malzeme / Material

GG25 (0.6025)

Grafitli Döküm
 GG25 with Graphite

Referans Kod / Reference Code

RENAULT / MABEC
 NISSAN / K126



Çalışma Yönü
 Sliding Direction

Sipariş No/Order No	D1	D1 ±	D2	D2 ±	L	l1	l2
GBUD-25	25	+0,021	40	±0,008	40	10	
GBUD-30	30	0	50		50		
GBUD-35	35		60		55	15	5
GBUD-40	40	+0,025		±0,009	60	10	
GBUD-50	50		70		75	15	
GBUD-60	60	+0,030	80		90	20	
GBUD-80	80	0	100	±0,011	120		10
GBUD-100	100	+0,035	120		150	25	
GBUD-120	120	0	140	±0,0125	180		



 Açılı Sürtünme Plakası / Cam Dwell Plate



- Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges



Toleranssız tüm ölçüler
EN 22768-1 standartlarında
*All dimensions without tolerance
as per EN 22768-1*



Sipariş Kodu / Order Code
SPB48- W - L



- **Malzeme / Material**

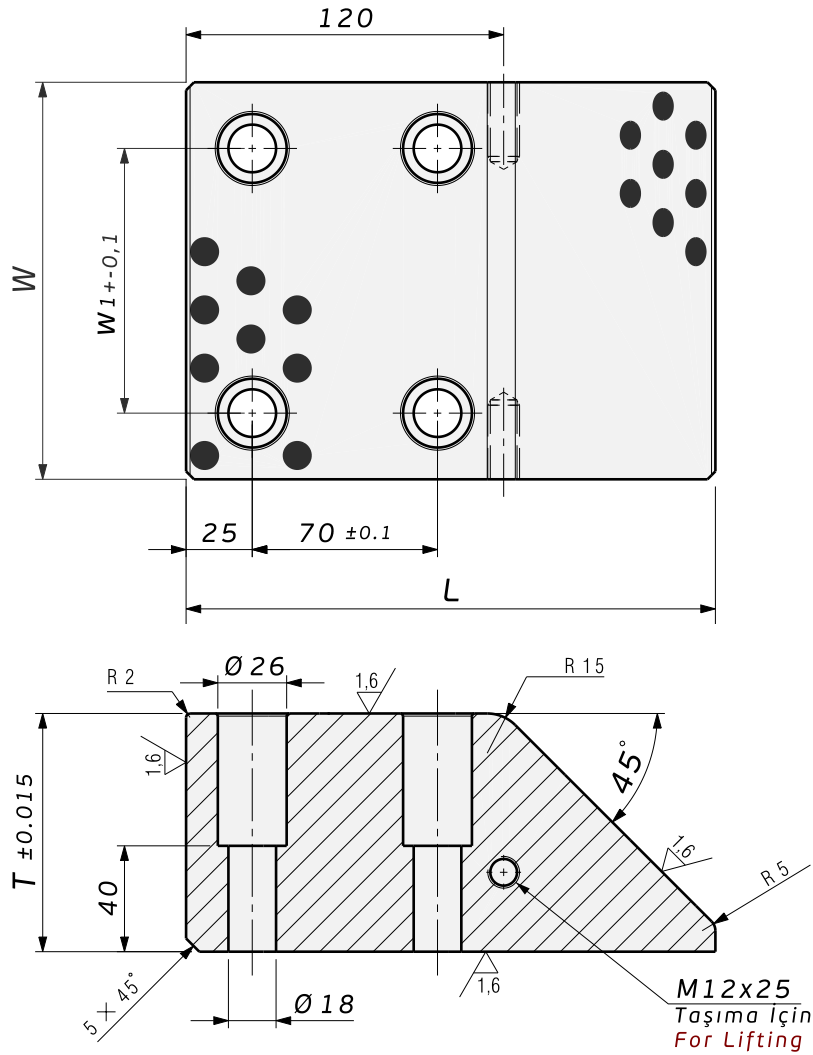
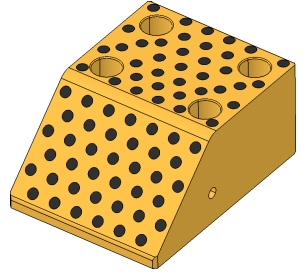
SAE430B (C86300)
HB> 190

Grafitli Bronz
Bronze with Graphite



● **Referans Kod /**
Reference Code

RENAULT / MABEC
NISSAN / K867*



Sipariş No / Order No	W	L	T	W1
SPB48-150-170	150	170	60	100
SPB48-150-200		200	90	
SPB48-200-170	200	170	60	140
SPB48-200-200		200	90	



■ Açılı Sürtünme Plakası / Cam Dwell Plate

● Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

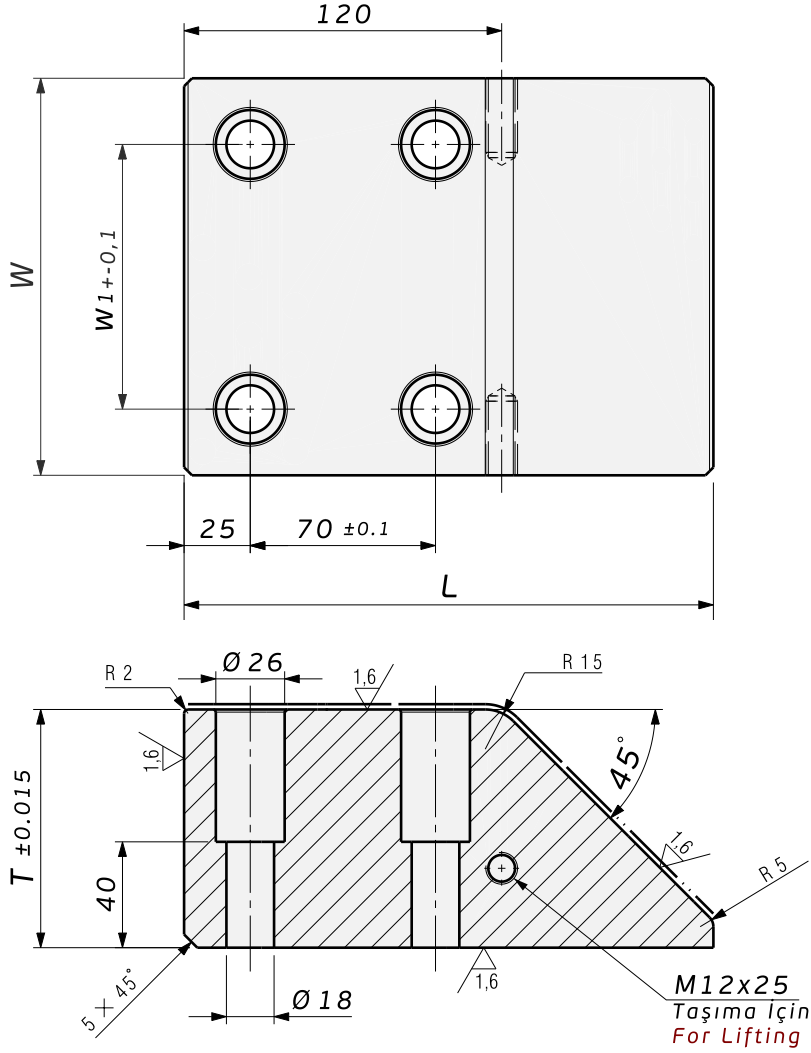
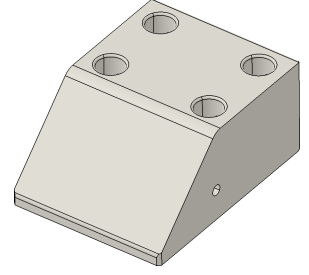
Sipariş Kodu / Order Code
SPS48- W - L

● Malzeme / Material

CK45
HRC 56±2

● Referans Kod / Reference Code

RENAULT / MABEC
NISSAN / K867*



Sipariş No / Order No	W	L	T	W1
SPS48-150-170	150	170	60	100
SPS48-150-200	150	200	90	100
SPS48-200-170	200	170	60	140
SPS48-200-200	200	200	90	140



Açılı Sürtünme Plakası / Cam Dwell Plate

Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

Sipariş Kodu / Order Code
SPB49- W - L

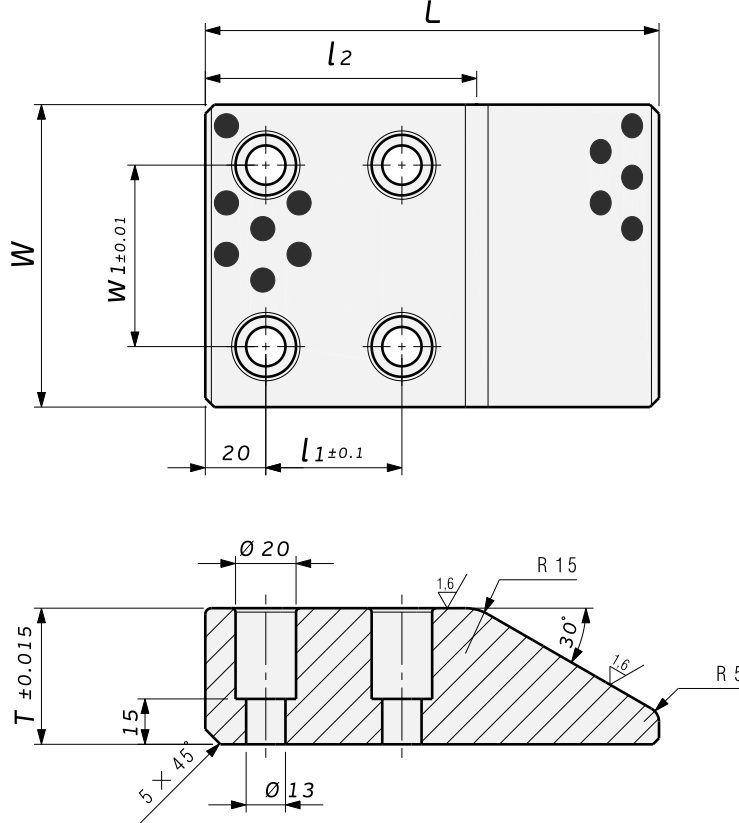
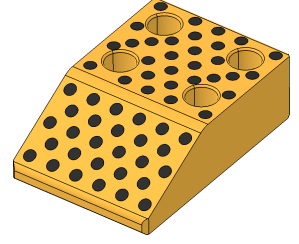
Malzeme / Material

SAE430B (C86300)
HB > 190

Grafitli Bronz
Bronze with Graphite

Referans Kod / Reference Code

RENAULT / MABEC
NISSAN / K861*



Sipariş No / Order No	W	L	T	W1	l1	l2
SPB49-75-130	75	130	30	40	50	95
SPB49-75-150		150	45		45	90
SPB49-100-130		130	30		50	95
SPB49-100-150	100	150	45	60	45	90
SPB49-100-170		170	60		75	120
SPB49-100-200		200	60		75	120
SPB49-125-130	125	130	30	80	50	95
SPB49-125-150		150	45		45	90
SPB49-125-170		170	60		75	120
SPB49-150-130	150	130	30	110	50	95
SPB49-150-150		150	45		45	90
SPB49-150-170		170	60		75	120
SPB49-150-200		200	60		75	120



■ Açılı Sürtünme Plakası / Cam Dwell Plate

● Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

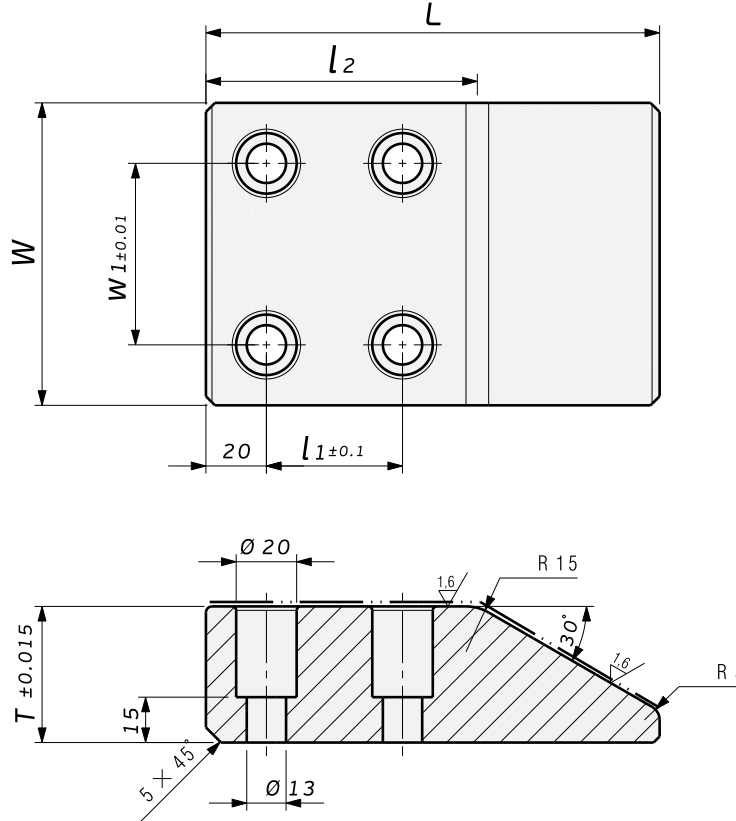
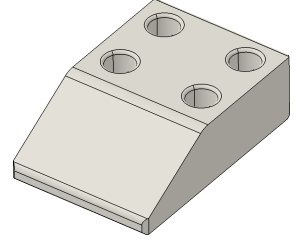
Sipariş Kodu / Order Code
SPS49- W - L

● Malzeme / Material

CK45
HRC 56±2

● Referans Kod /
Reference Code

RENAULT / MABEC
NISSAN / K861*



Sipariş No / Order No	W	L	T	W1	l1	l2
SPS49-75-130	75	130	30	40	50	95
SPS49-75-150		150	45		45	90
SPS49-100-130		130	30		50	95
SPS49-100-150	100	150	45	60	45	90
SPS49-100-170		170	60		75	120
SPS49-100-200		200	60		75	120
SPS49-125-130	125	130	30	80	50	95
SPS49-125-150		150	45		45	90
SPS49-125-170		170	60		75	120
SPS49-125-200	150	200	60	110	75	120
SPS49-150-130		130	30		50	95
SPS49-150-150		150	45		45	90
SPS49-150-170		170	60		75	120
SPS49-150-200		200	60		75	120



V Yatak / V Guides

Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges

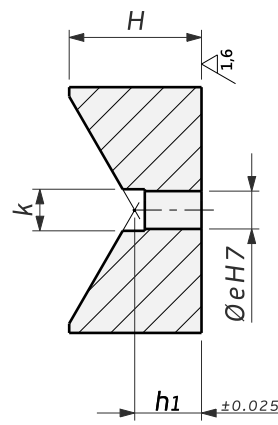
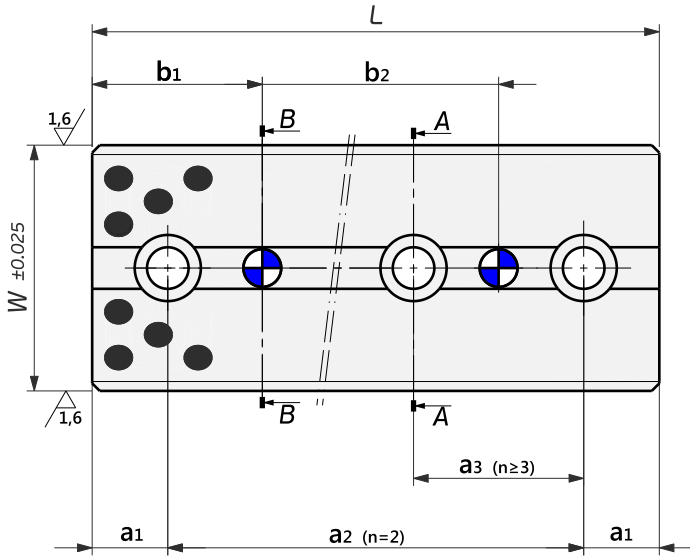
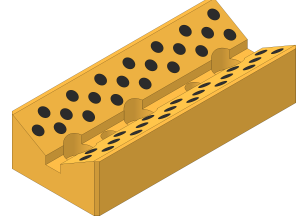
Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

Sipariş Kodu / Order Code
SPV11 - W - L

Malzeme / Material
SAE430B (C86300)
HB> 190

Referans Kod / Reference Code

CNOMO EM24.52.500
RENAULT / MABEC
NISSAN / K868*



Sipariş No / Order No	W	L	H	n	a1	a2	a3	d	D	b1	b2	e H7	h1	h2	k
SPV11-35-75		75			15	45				30	15				
SPV11-35-100	35	100	24			60		9	14		20	8	15	4	11
SPV11-35-125		125			20	85				40	45				
SPV11-35-150		150				110					70				
SPV11-50-75		75		2	15	45	-			30	15				
SPV11-50-100	50	100	31		20	60				40	20				13
SPV11-50-125		125				75					25				
SPV11-50-150		150			25	100				50	50				
SPV11-65-100		100			20	60		11	18	40	20	10	18	8	
SPV11-65-150		150		3							50				
SPV11-65-200	65	200	35	4	25	-	50			50	100				10
SPV11-65-250		250		5							150				
SPV11-65-300		300		6							200				



V Kızak / V Guides

Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

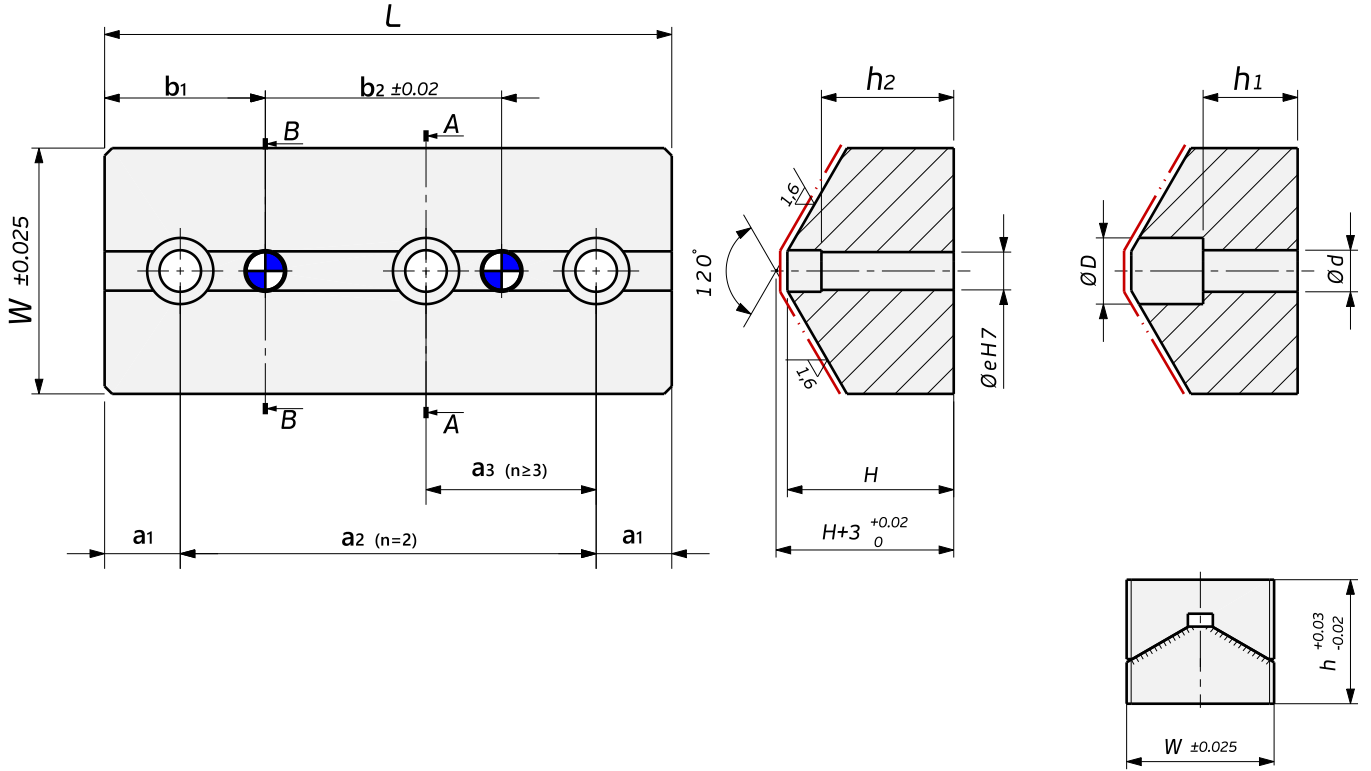
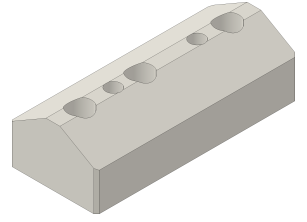
Sipariş Kodu / Order Code
SPV12 - W - L

Malzeme / Material

CK45
HRC 58±2

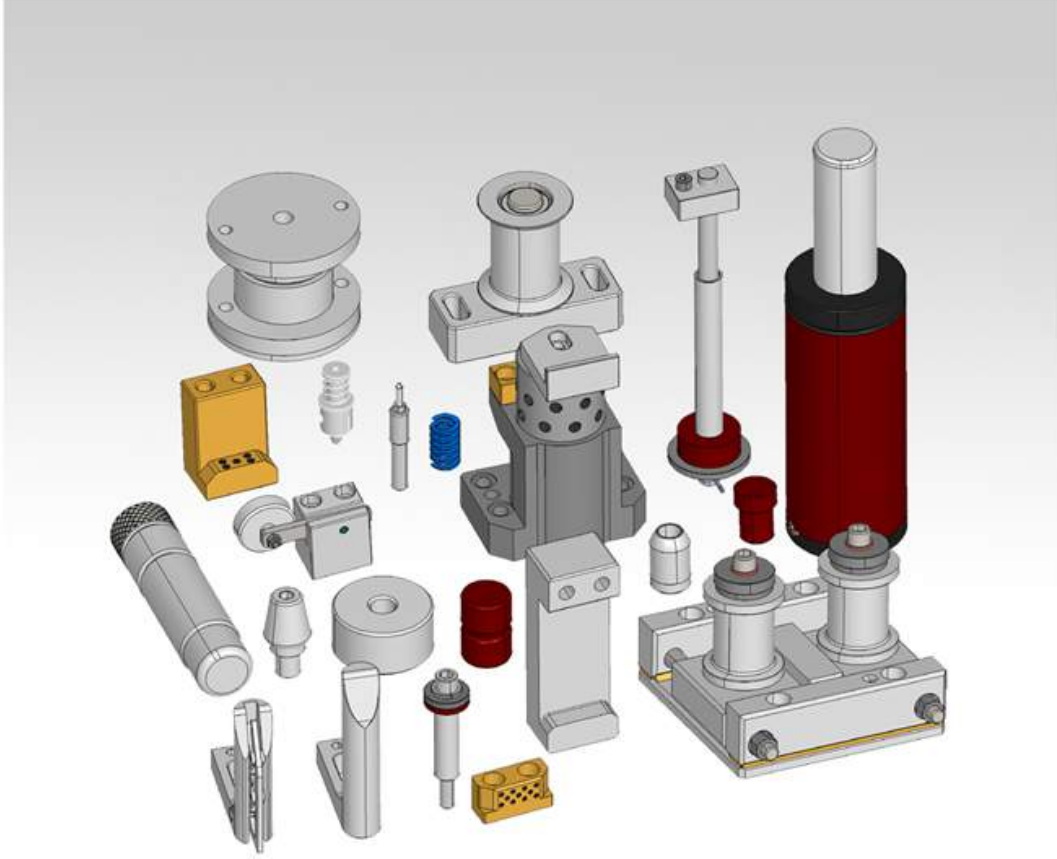
Referans Kod / Reference Code

CNOMO EM24.52.500
RENAULT / MABEC
NISSAN / K868*



Sipariş No / Order No	W	L	H	n	a1	a2	a3	d	D	b1	b2	e H7	h1	h2	h
SPV12-35-75		75			15	45				30	15				
SPV12-35-100	35	100	17			60		9	14		20	8	4	12	35
SPV12-35-125		125			20	85				40	45				
SPV12-35-150		150				110					70				
SPV12-50-75		75		2	15	45	-			30	15				
SPV12-50-100	50	100	29		20	60				40	20		10	20	50
SPV12-50-125		125				75					25				
SPV12-50-150		150			25	100				50	50				
SPV12-65-100		100			20	60		11	18	40	20	10			
SPV12-65-150		150		3							50				
SPV12-65-200	65	200	44	4	25	-	50			50	100		20	35	65
SPV12-65-250		250		5							150				
SPV12-65-300		300		6							200				



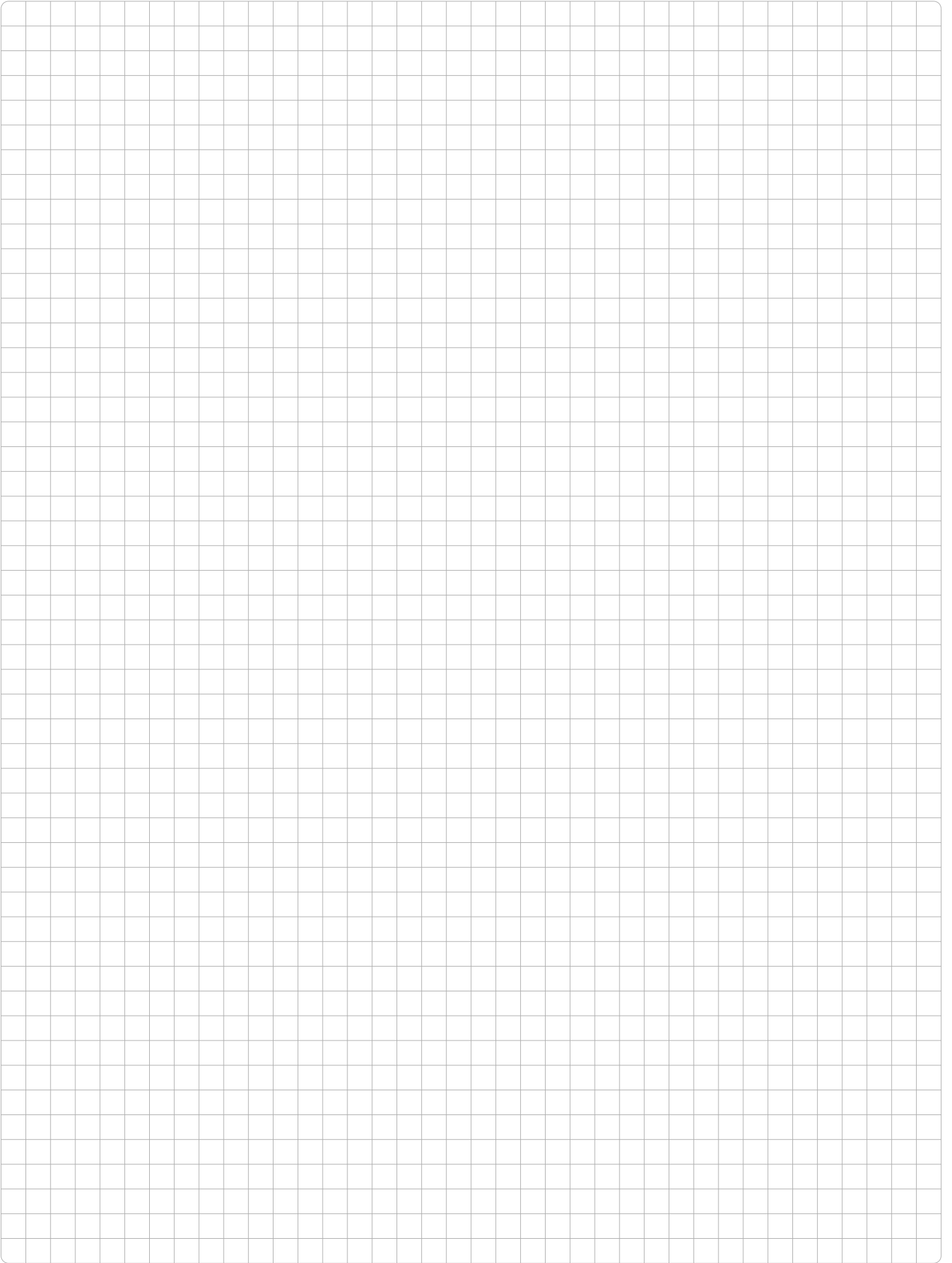


RENAULT



RENAULT MABEC - NISSAN KPS
STANDARTLARI / **STANDARDS**

C- MEKANİK KALIP ELEMANLARI
C- DIE COMPONENTS




Kama / Locating Key
Not / Note

Tüm köşelere pah kırılacaktır
 Break all sharp edges

Malzeme / Material

CK45

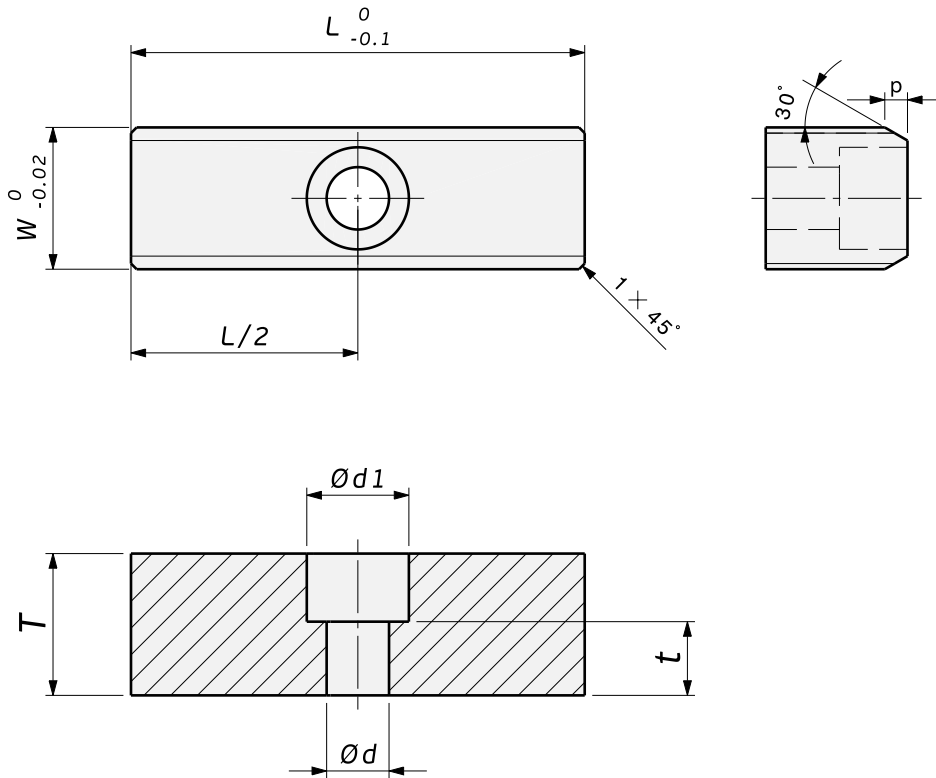
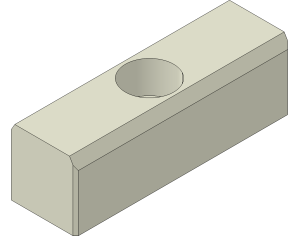
Referans Kod / Reference Code

RENAULT / MABEC

NISSAN / K165*

Toleranssız tüm ölçüler
 EN 22768-1 standartlarında
 All dimensions without tolerance
 as per EN 22768-1

Sipariş Kodu / Order Code
 KM09 - W - L



Sipariş No / Order No	W	L	T	d	d ₁	t	p
KM09-20-60	20	60	20	9	14	10	3
KM09-20-80		80					
KM09-25-60	25	60					4
KM09-25-80		80					
KM09-25-100		100					
KM09-28-60	28	60	25	11	18	13	5
KM09-28-80		80					
KM09-28-100		100					
KM09-32-60	32	60					
KM09-32-80		80					
KM09-32-100		100					



■ **Kam Geri Çekme Kolu / Cam Positive Return Plate**



- Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges



Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1



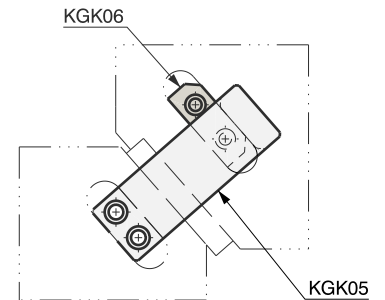
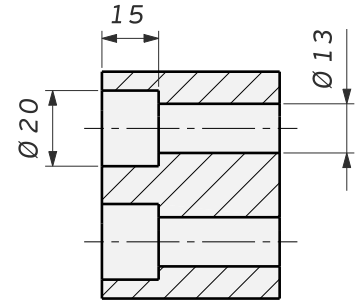
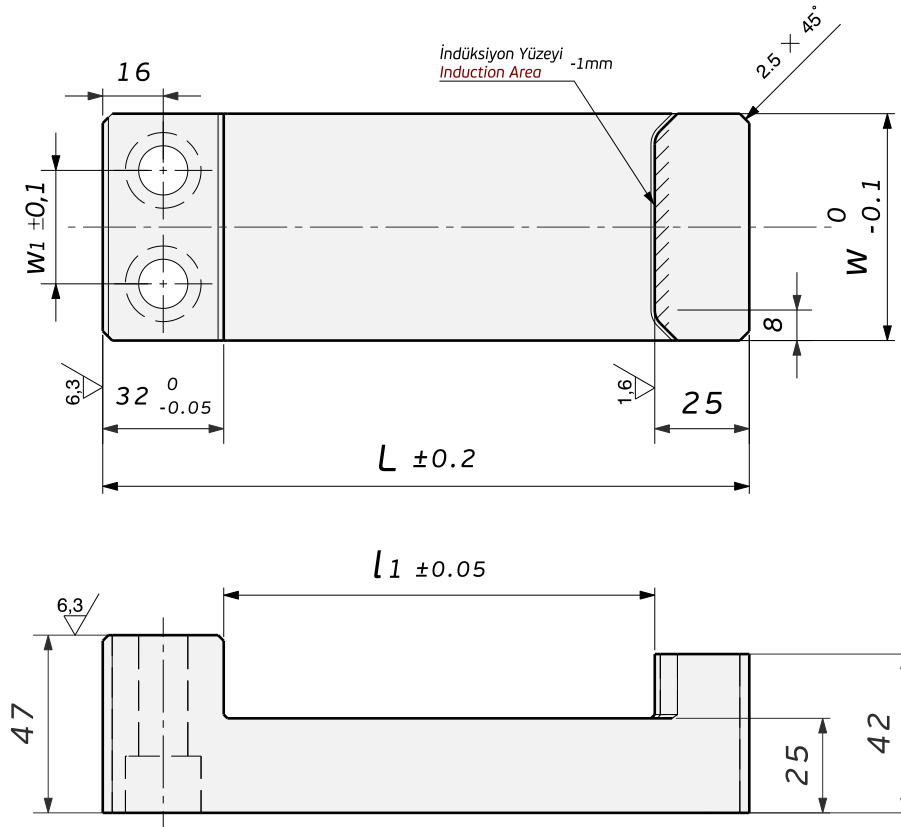
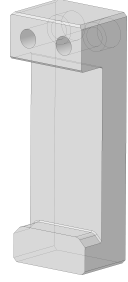
Sipariş Kodu / Order Code
KGK05 - W - L

- *Malzeme / Material*

1.2312 (40 CrMnMo 86)

HRC 56±2 İndüksiyon
Induction Hardened

- **Referans Kod /**
Reference Code



<i>Sipariş No / Order No</i>	<i>W</i>	<i>L</i>	<i>w₁</i>	<i>l₁</i>
KGK05-60-171	60	171	30	114
KGK05-60-191		191		134
KGK05-80-171	80	171	40	114
KGK05-80-191		191		134



Kam Geri Çekme Kolu / Cam Positive Return Plate

● Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

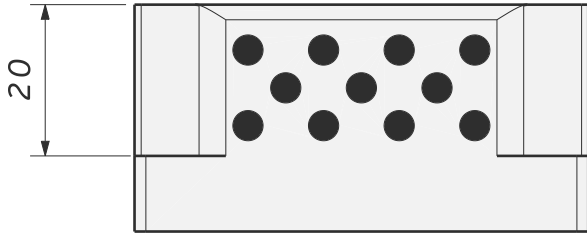
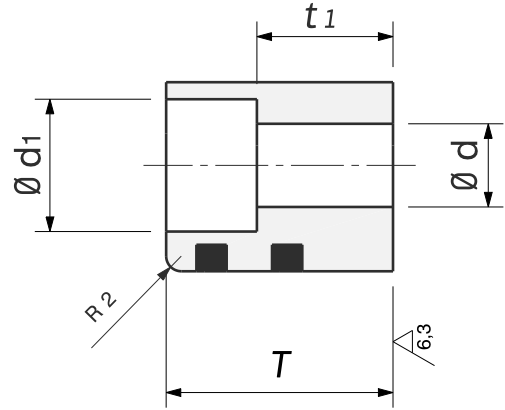
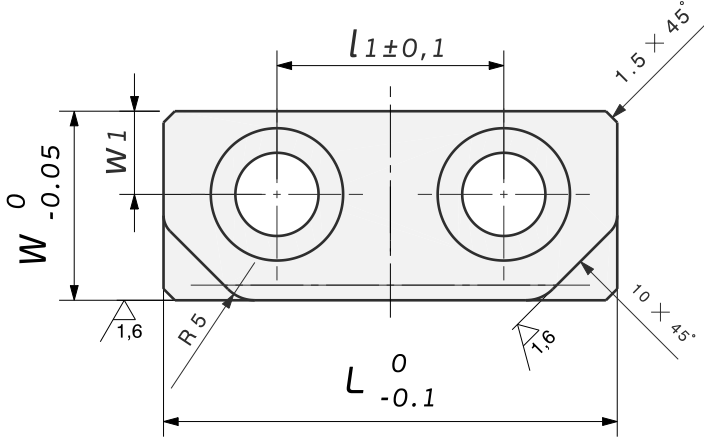
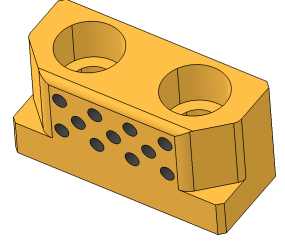
Sipariş Kodu / Order Code
KGK06 - W - L

● Malzeme / Material

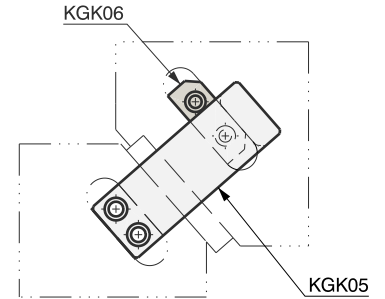
SAE430B (C86300)
HB > 190

Grafitli Bronz
Bronze with Graphite

● Referans Kod / Reference Code



Çalışma Yönü
Sliding Direction



Sipariş No / Order No	W	L	T	l ₁	W ₁	d	d ₁	t ₁
KGK06-25-60	25	60	30	30	11	11	18	18
KGK06-32-60	32	60	38	40	16	13	20	23
KGK06-32-80	32	80	38	40	16	13	20	23



Kam Geri Çekme Kolu / Cam Positive Return Plate

● **Not / Note**

Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

Sipariş Kodu / Order Code
KGK07B - W - L

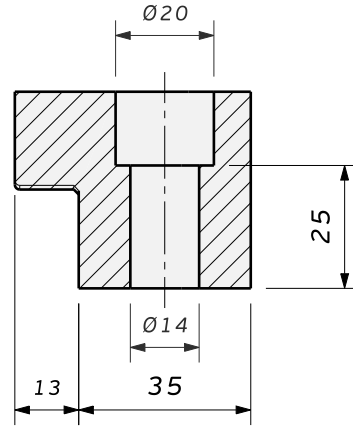
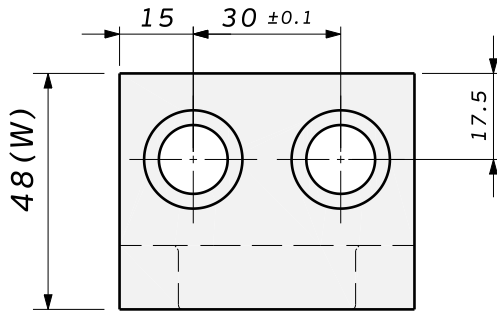
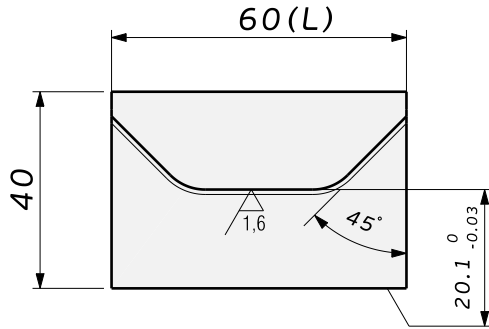
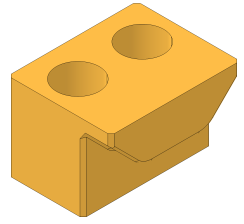
● **Malzeme / Material**

SAE430B (C86300)
HB > 190

● **Referans Kod / Reference Code**

RENAULT / MABEC

NISSAN / K846*



Sipariş No / Order No	W	L
KGK07B-48-60	48	60



Yaylı Kaldırıcı Sistem / Lifter

Not / Note

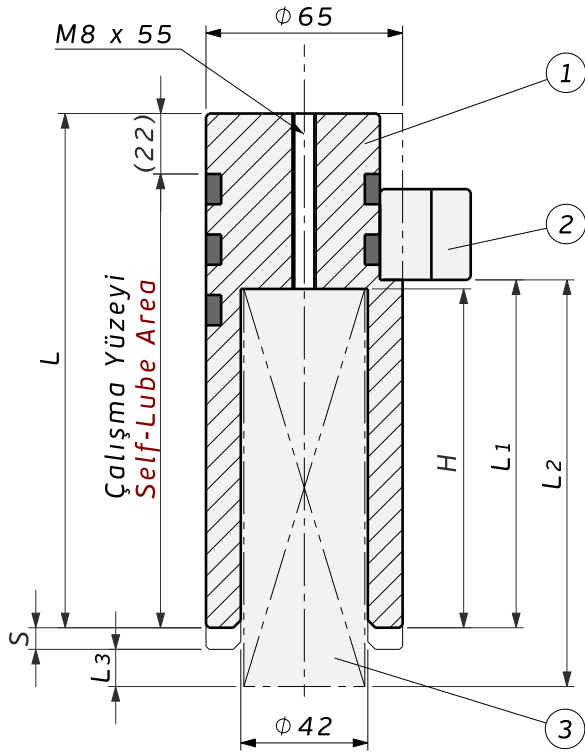
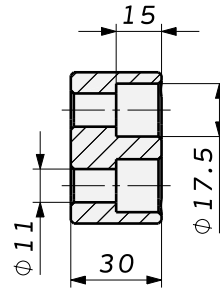
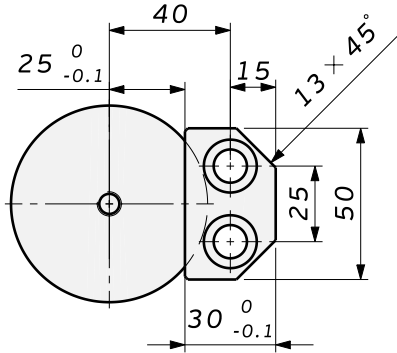
Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

Sipariş Kodu / Order Code
YKS02 - S - YF/YL

Malzeme / Material

Referans Kod /
Reference Code
RENAULT / MABEC



NO	Açıklama Description	Malzeme Material	Adet Quantity
1	Hareketli Gövde / Slide Pin	GG25	1
2	Stoper / Stopper	CK45	1
3	Yay / Spring	-	1

Kurs / Travel S	H	L	L1	YF		YL	
				L2	L3	L2	L3
80			10				
90	120	200	15	155	10	205	60
100			30				



Yaylı Kaldırıcı Sistem / Lifter

Not / Note

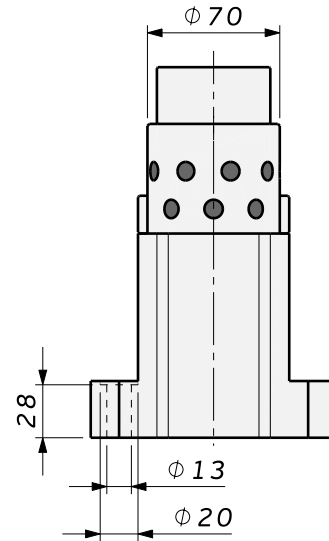
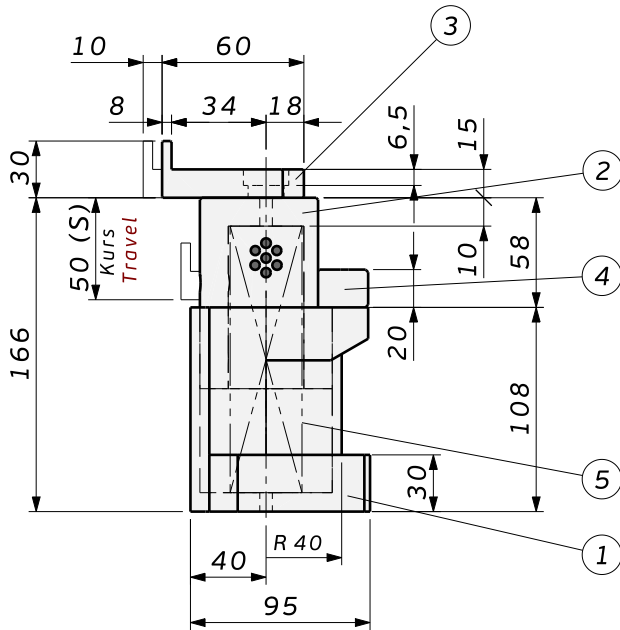
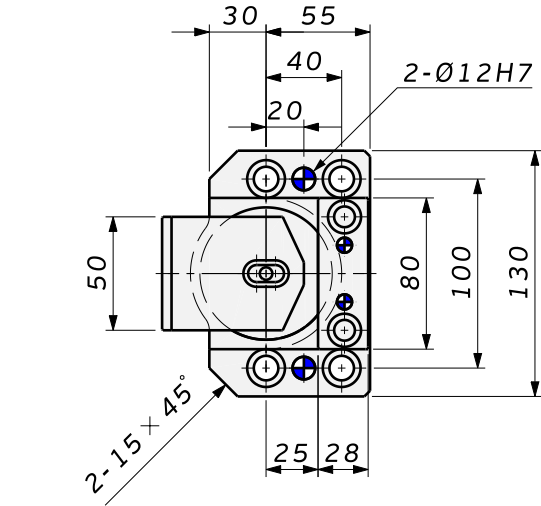
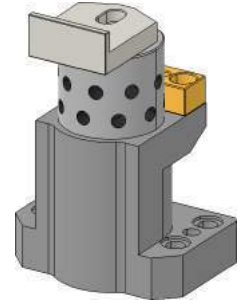
Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

Sipariş Kodu / Order Code
YKS03 - 50

Malzeme / Material

Referans Kod /
Reference Code
RENAULT / MABEC



NO	Açıklama Description	Malzeme Material	Adet Quantity
1	Gövde / Casing	GG40	1
2	Hareketli Gövde / Slide Pin	GG25	1
3	Taşıyıcı Parça / Lift Block	CK45	1
4	Stoper / Stopper	1.2312	1
5	Yay / Spring	-	1

Yay / Spring		Montaj / Mounting		Final		Kurs Travel (mm)
Dış Çap Outer Diameter (mm)	Serbest Uzunluk Free Length (mm)	Uzunluk Length (mm)	İlk Yük Initial Load (N)	Uzunluk Length (mm)	Son Yük Maximum Load (N)	
35	150	138	160	88	810	50



Yaylı Kaldırıcı Sistem / Lifter

Not / Note

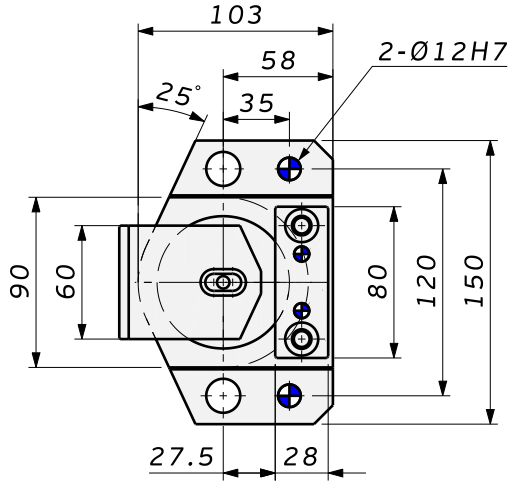
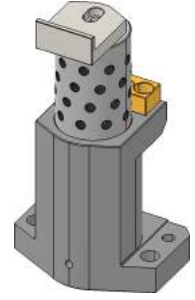
Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

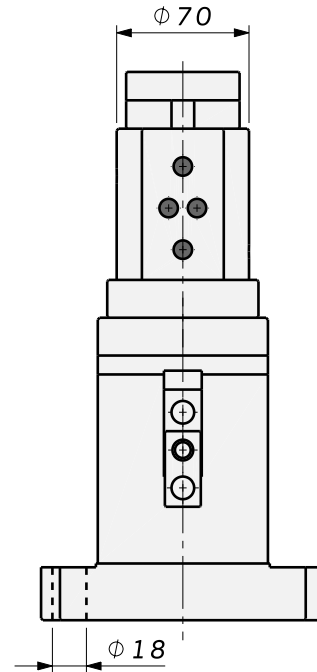
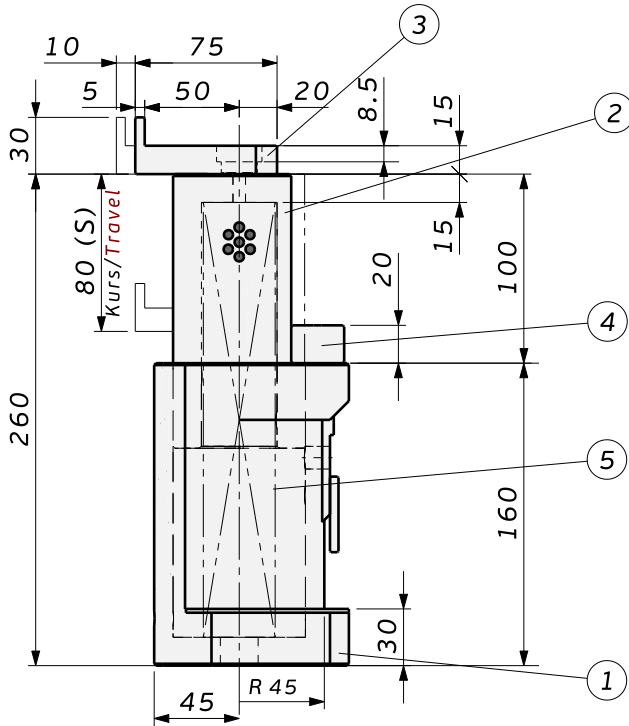
Sipariş Kodu / Order Code
YKS03 - 80

Malzeme / Material

Referans Kod /
Reference Code
RENAULT / MABEC



NO	Açıklama Description	Malzeme Material	Adet Quantity
1	Gövde / Casing	GG40	1
2	Hareketli Gövde / Slide Pin	GG25	1
3	Taşıyıcı Parça / Lift Block	CK45	1
4	Stoper / Stopper	1.2312	1
5	Yay / Spring	-	1



Yay / Spring		Montaj / Mounting		Final		Kurs Travel (mm)
Dış Çap Outer Diameter (mm)	Serbest Uzunluk Free Length (mm)	Uzunluk Length (mm)	İlk Yük Initial Load (N)	Uzunluk Length (mm)	Son Yük Maximum Load (N)	
40	250	230	200	150	1020	80



■ YKS Stoper Burcu / Stopping For YKS



● Not / Note

YKS03 ile kullanılır.
Use with YKS03 (Lifter).



Sipariş Kodu / Order Code
FNCL - V - D - L



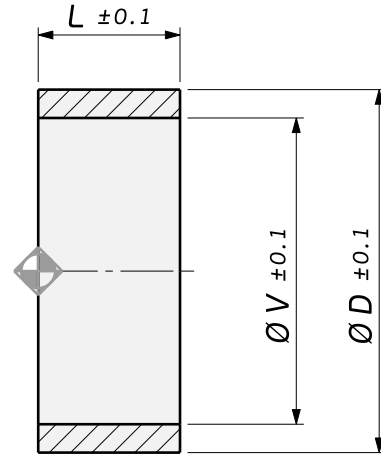
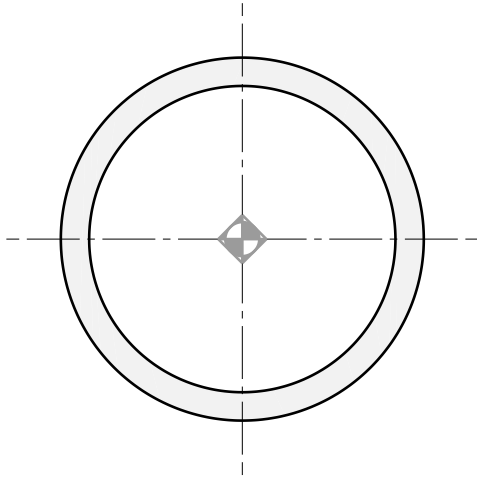
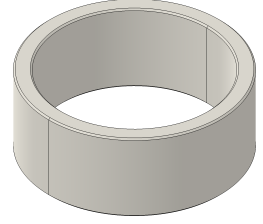
● Malzeme / Material

ST37

● Referans Kod /
Reference Code

RENAULT / MABEC

NISSAN / K62D*



Sipariş No / Order No	V	D	L
FNCL-54-64-25	54	64	25
FNCL-69-79-25	69	79	25



Roller Sürücü Set / Sheet Guide Roller Set

● Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges

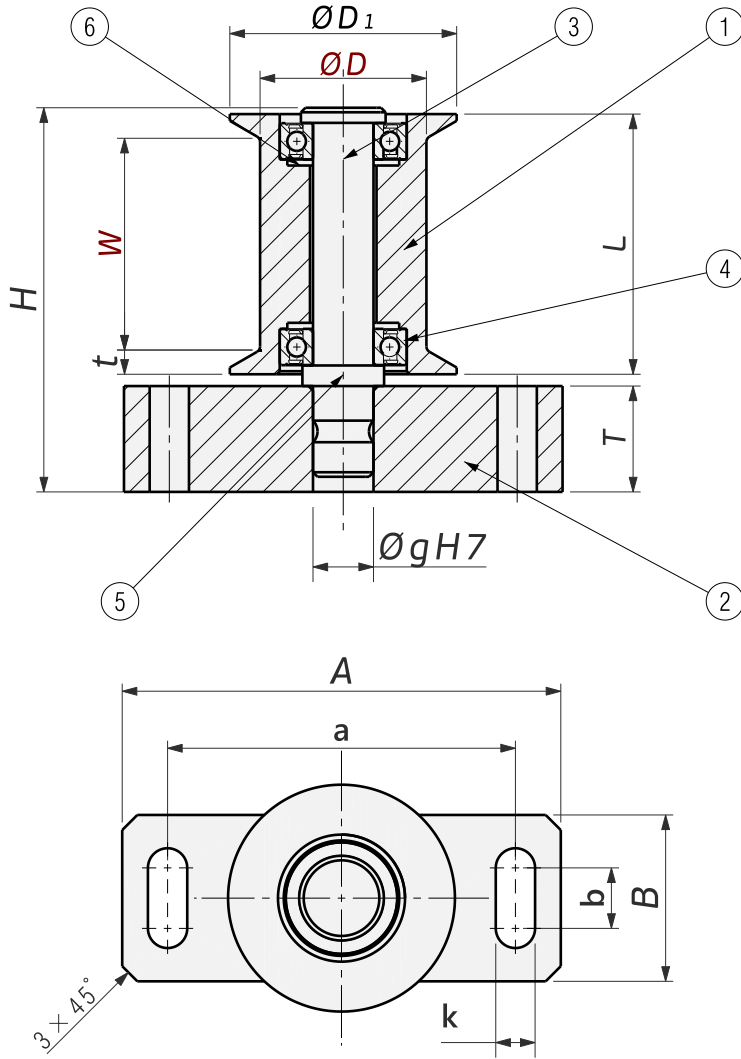
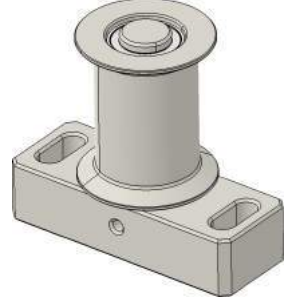
Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

Sipariş Kodu / Order Code
SSRK - D - W

● Malzeme / Material

● Referans Kod /
Reference Code
RENAULT / MABEC

NISSAN / K846*



NO	Açıklama Description	Malzeme Material	Adet Quantity
1	Roller	Ç1050 HRC56~	1
2	Gövde / Base Plate	CK45	1
3	Roller Mili / Roller Pin	Ç1050	1
4	Rulman / Bearing	-	2
5	Pul / Spacer	ST52	1
6	Pul / Spacer	ST52	1

Sipariş No Order No	D	W	A	B	a	b	k	T	D ₁	H	L	t	g
SSRK-30-38	30	38	95	30	73	10	11	20	40	70	48	5	10
SSRK-55-70	55	70	145	55	115	20	13	35	75	127	86	8	20



Roller Sürücü Set / Sheet Guide Roler Set

Not / Note

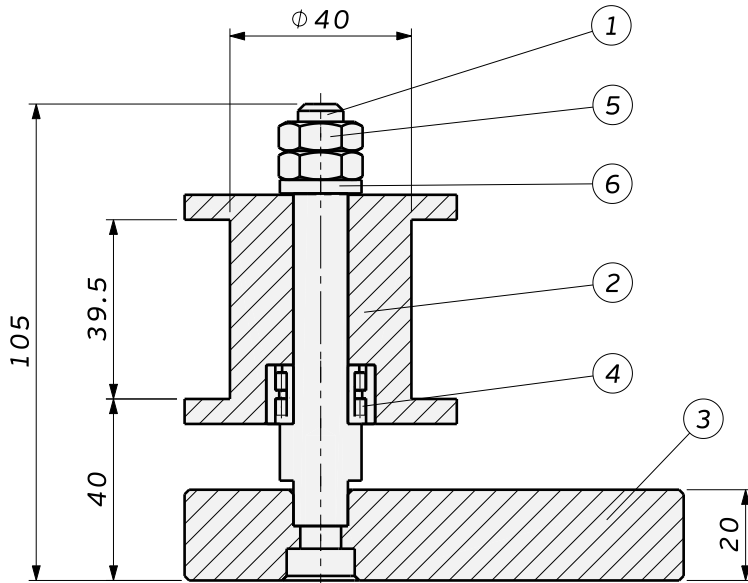
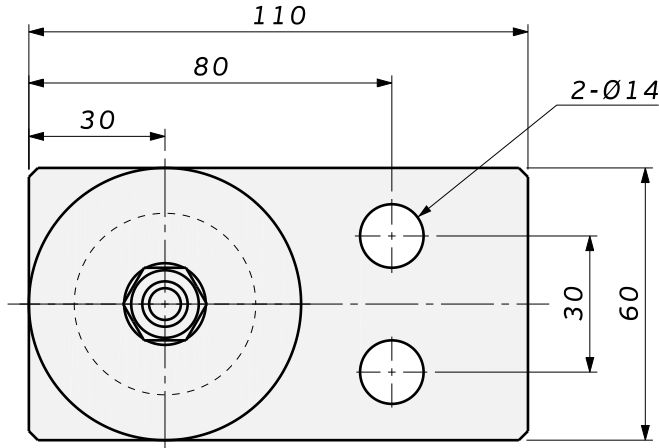
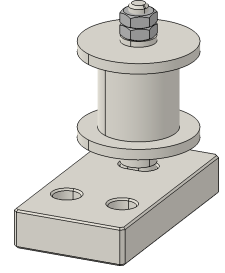
Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

Sipariş Kodu / Order Code
SRBS

Malzeme / Material

Referans Kod /
Reference Code
RENAULT / MABEC



NO	Açıklama Description	Malzeme Material	Adet Quantity
1	Roller Mili / Roller Pin	Ç1050 HRC56~	1
2	Roller	Ç1050 HRC56~	1
3	Gövde / Base Plate	CK45	1
4	Rulman / Bearing	-	1
5	Somun / Hexagon Nut	-	2
6	Pul / Washer	ST52	1





■ **Roller Sürücü Set / Sheet Guide Roler Set**



- Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges



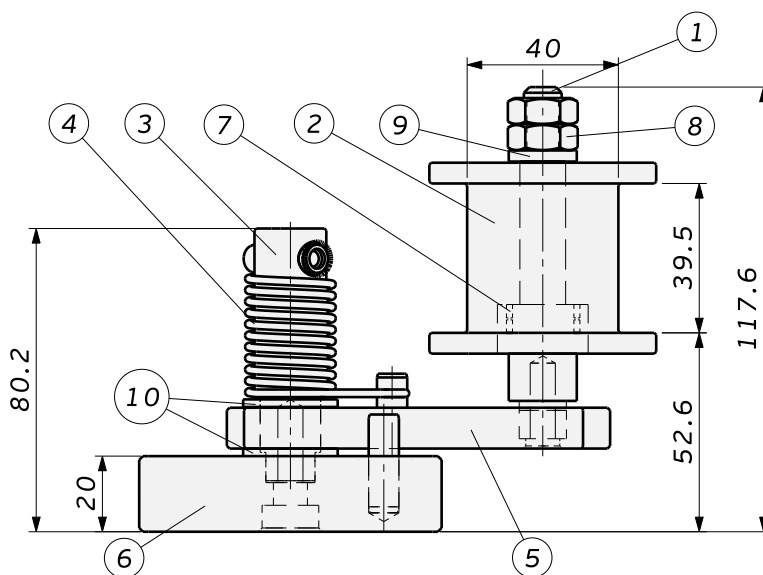
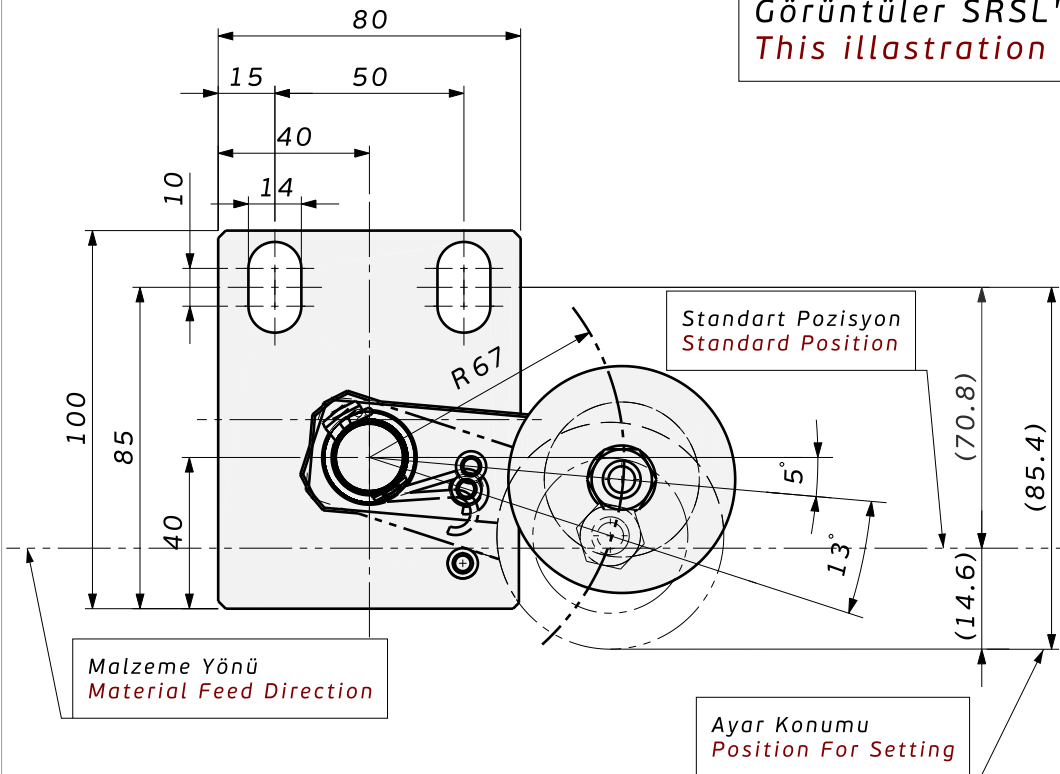
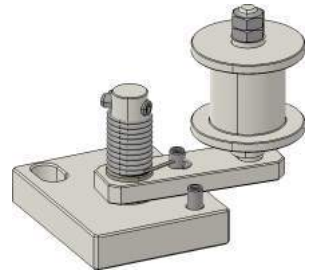
*Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1*



Sipariş Kodu / Order Code
SRSL

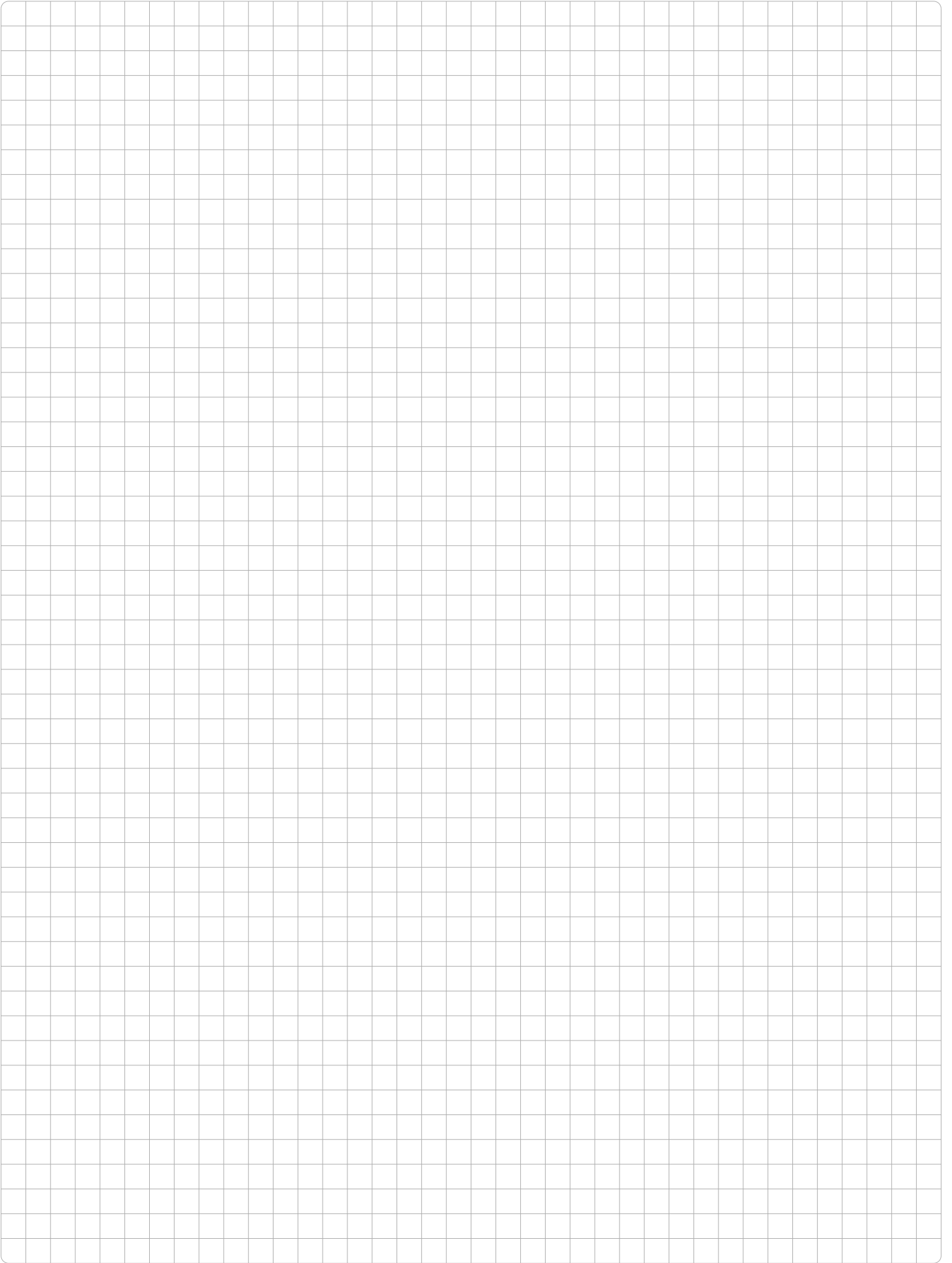
- **Malzeme / Material**

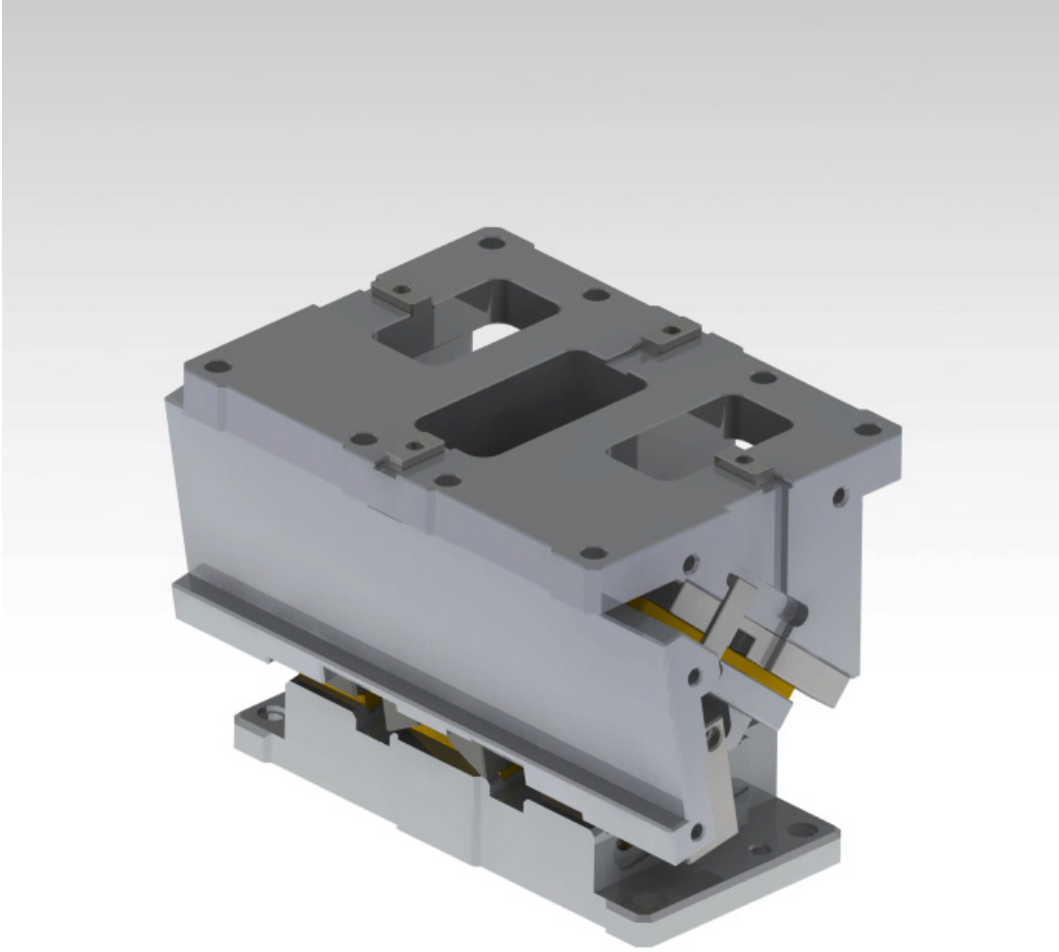
● **Referans Kod /**
Reference Code
RENAULT / MABEC



NO		Malzeme Material	Adet Quantity
1	Roller Mili / Roller Pin	Ç1050 HRC56~	1
2	Roller	Ç1050 HRC56~	1
3	Yay Mili / Spring Pin	CK45	1
4	Yay / Spring	-	1
5	Roller Kolu / Roller Arm	CK45	1
6	Gövde / Base Plate	CK45	1
7	Rulman / Bearing	-	1
8	Somun / Hexagon Nut	-	2
9	Pul / Washer	ST52	1
10	Pul / Washer	ST52	2





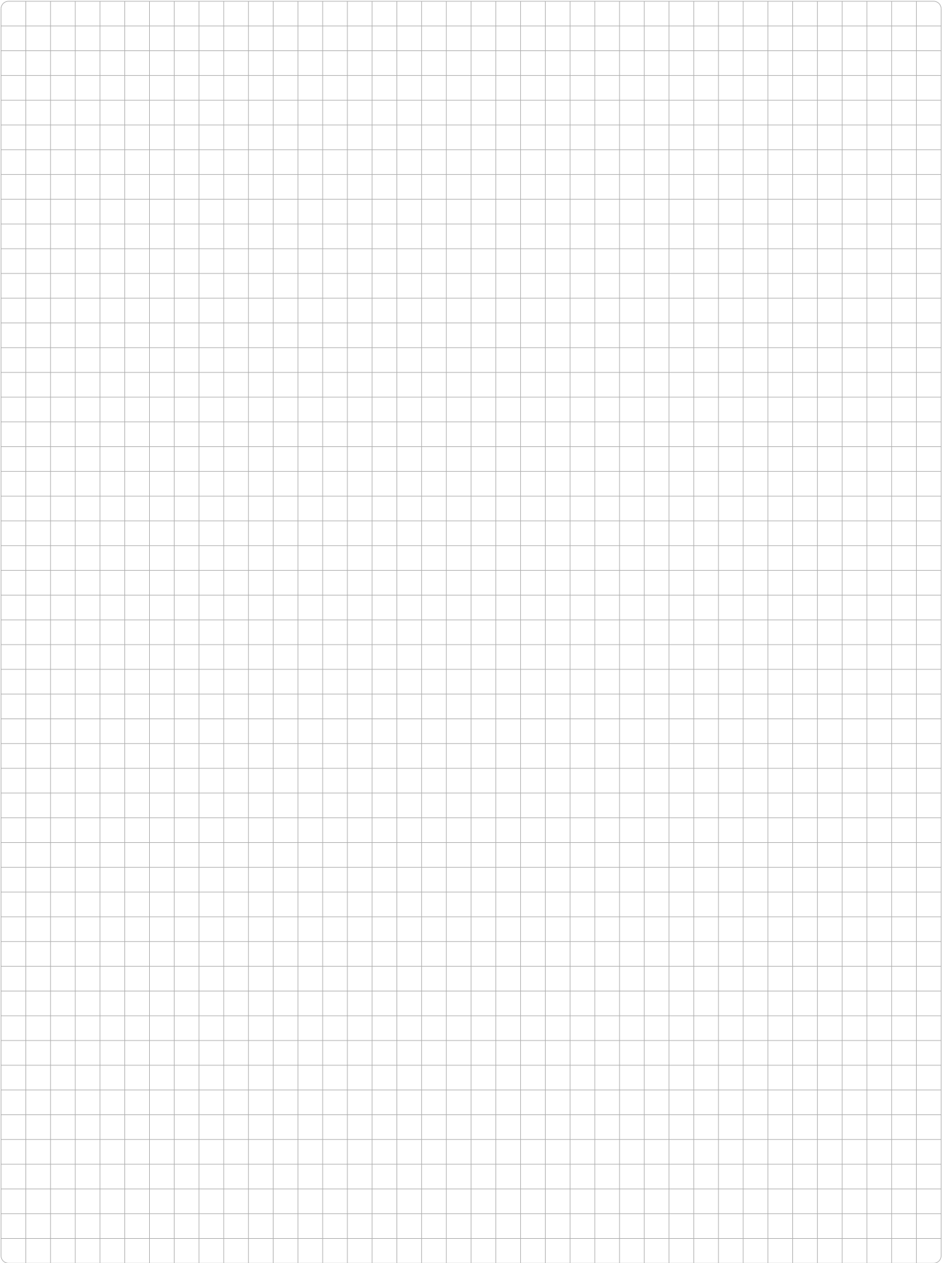


RENAULT

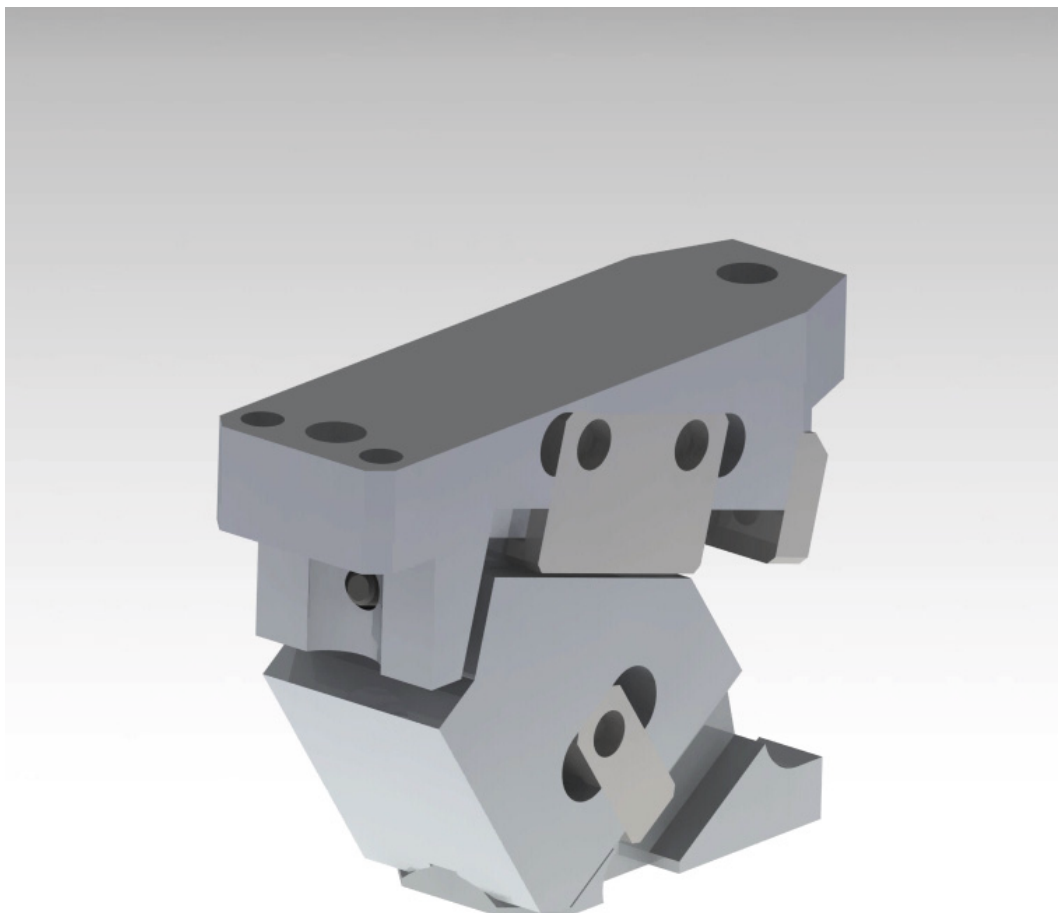


**RENAULT MABEC - NISSAN KPS
STANDARTLARI / *STANDARDS***

**D- KAM ÜNİTELERİ
*D- CAM UNITS***



standart
KALIP



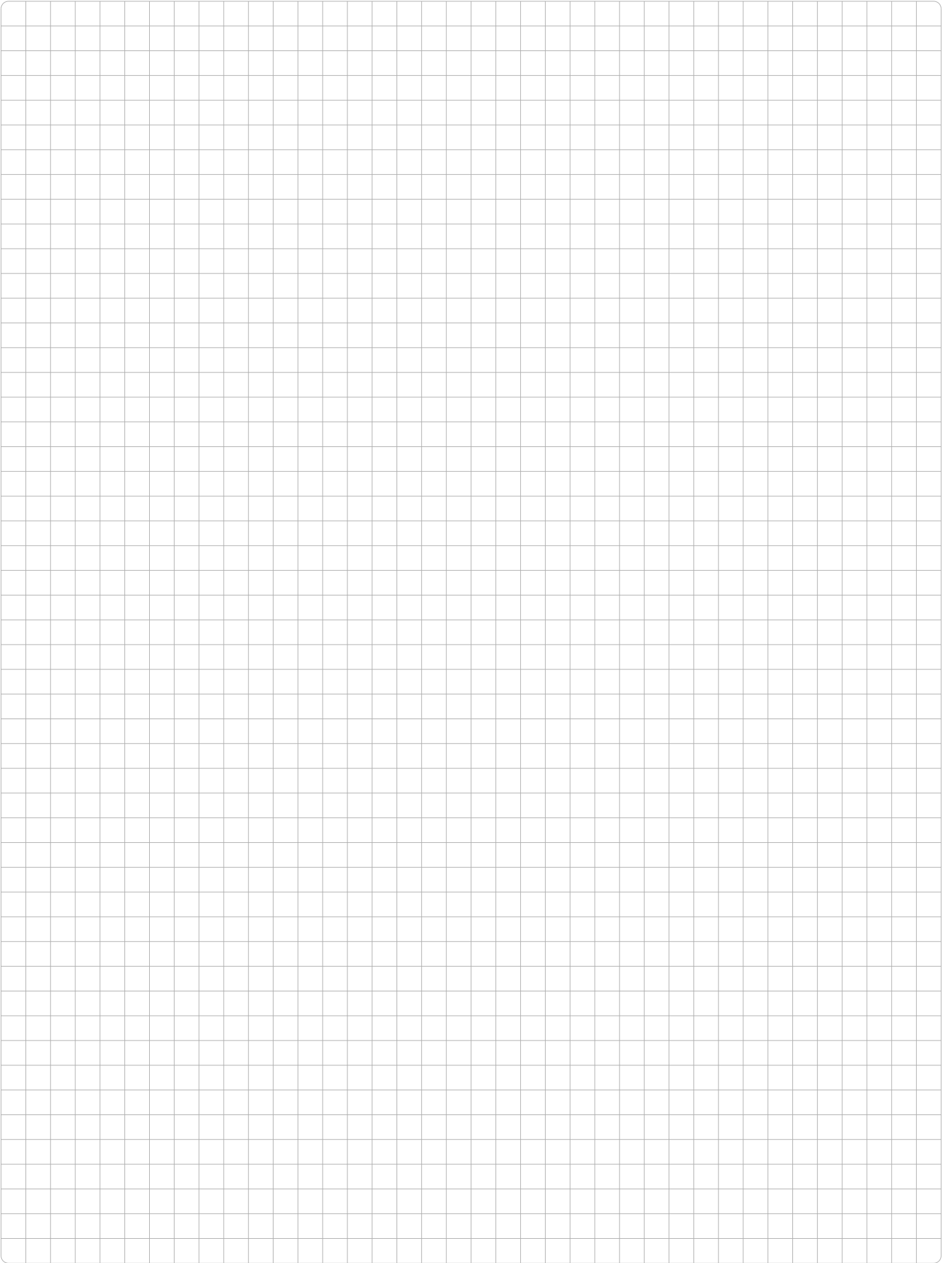
RENAULT

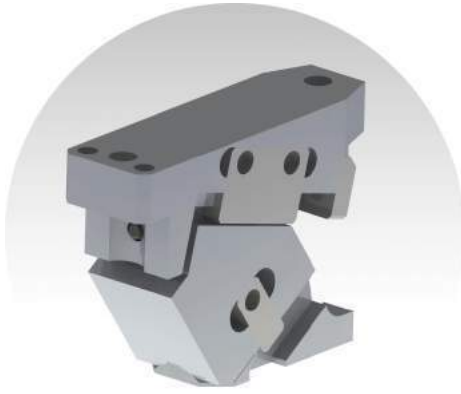


AKSD

Kam Kodu Cam Code	Sürücü Geniřlięi Slider Width (mm)	Çalıřma Açısı Work Angle (°)	Kapalı Yükseklik Closed Height (mm)	Kam Kursu Cam Travel (mm)	Çalıřma Kuvveti Working Force kN (tonf)		Geri Çekme Kuvveti Return Force N (kgf)	
					300.000 Baskı/Stroke	1.000.000 Baskı/Stroke	Çelik Yay Coil Spring	Gazlı Yay Gas Spring
	(G)	(A)	(H)	(S)	(Fs)		(Fr)	

AKSD-52	52	0°~80°	125~150	19~60	29,4 (3,0)	14,7 (1,5)	1120 (114)~ 1150 (117)	
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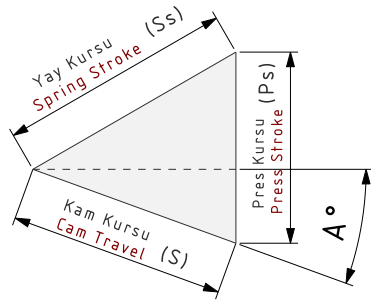




■ AKSD-52 Bilgilendirme / Information

- Çalışma Kuvveti / Working Force : (300.000 Baskı/Stroke) 29,4kN (3,0tonf)
- Sürücü genişliği / Slider width : 52mm
- Çalışma Açısı / Work Angle : 0°~80°
- SU Opsiyonu / SU Option : 1~60 mm
- Sipariş Örneği / Order No : AKSD-52-30-SU55

■ Kam Diyagram / Cam Diagram



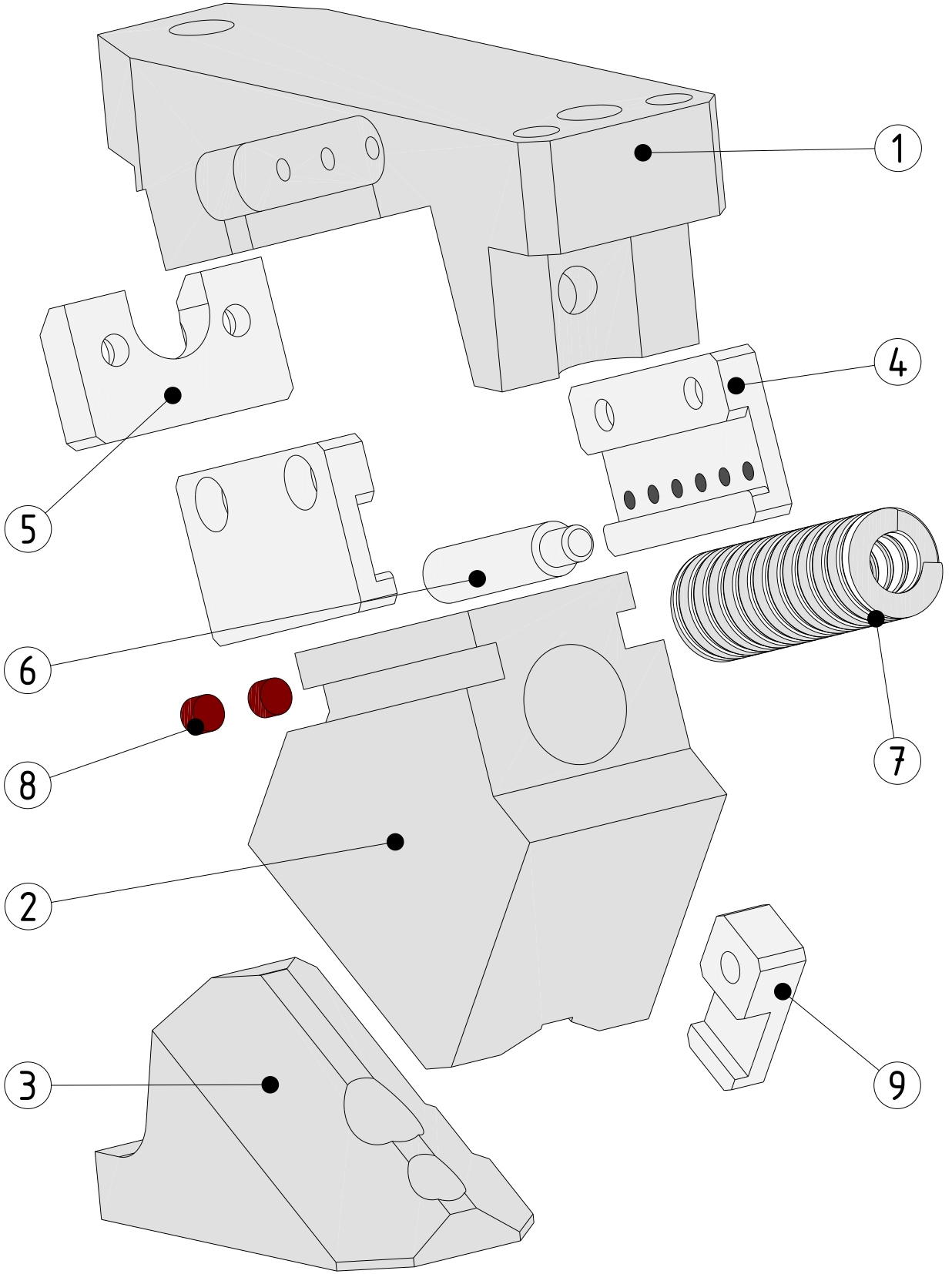
■ Sipariş Örneği / Order No

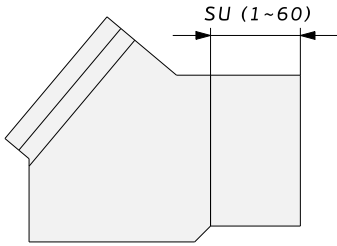
Kam Kodu Cam Code	Sürücü Genişliği Slider Width (mm)	Çalışma Açısı Work Angle (°)	Opsiyon Kodu / Option Code			
	(G)	(A)	Sürücü Uzunluğu Slider Length	---	---	---
AKSD	52	00				
AKSD	52	35	SU40			

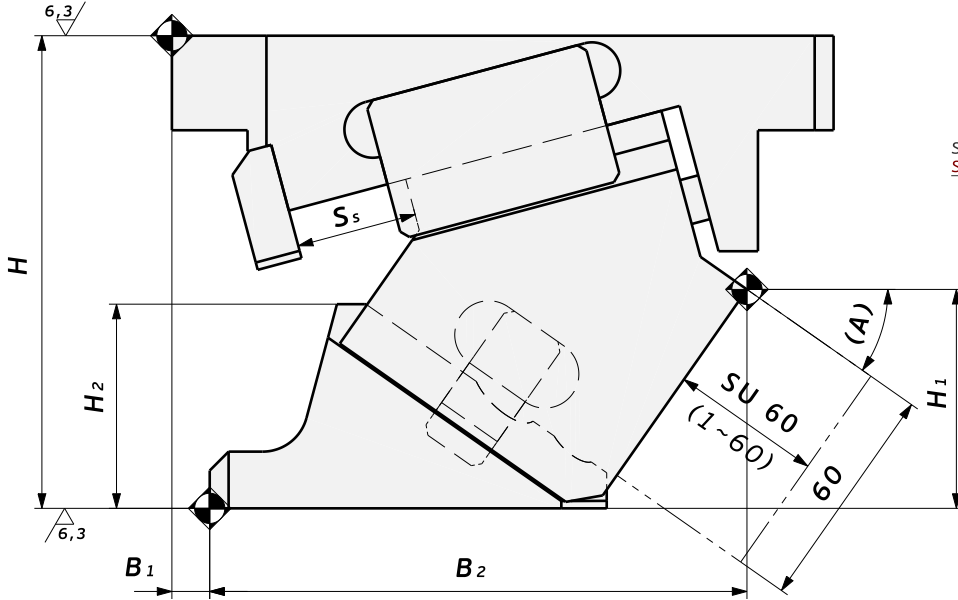
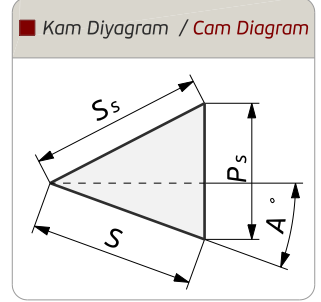
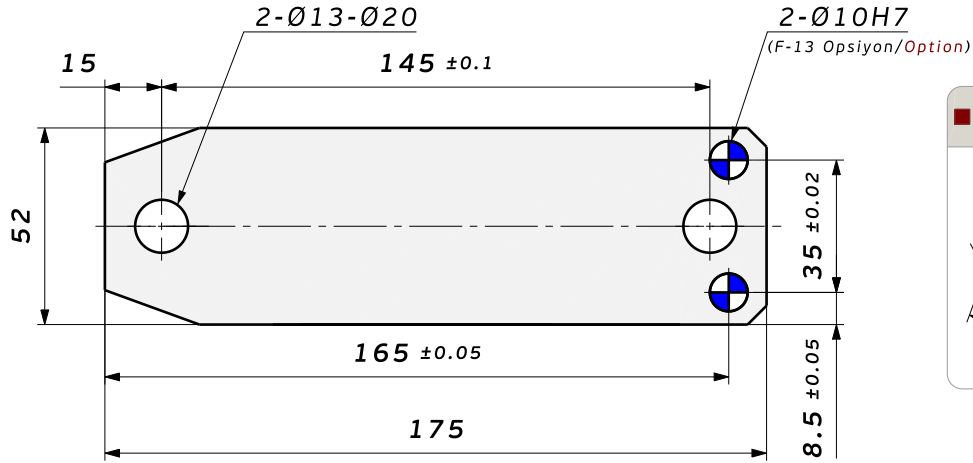
■ AKSD-52 Şartname / Specifications

Çalışma Yüzeyi / Mounting Surface (mm)	Çalışma Açısı Work Angle (°)	Kam Kursu/Cam Travel (Stroke mm)	Çalışma Kuvveti Working Force	Yay Kuvveti Spring Force	Gazlı Yay Kuvveti Gas Spring Force Opsiyon/Option
(G)	(Gh)	(S)			
		00			
		05			
		10			
		15			
		20			
		25			
		30			
		35			
52	60	40			
		45			
		50			
		55			
		60			
		65			
		70			
		75			
	70	80			

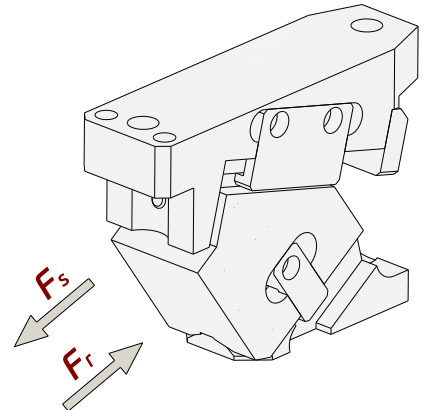
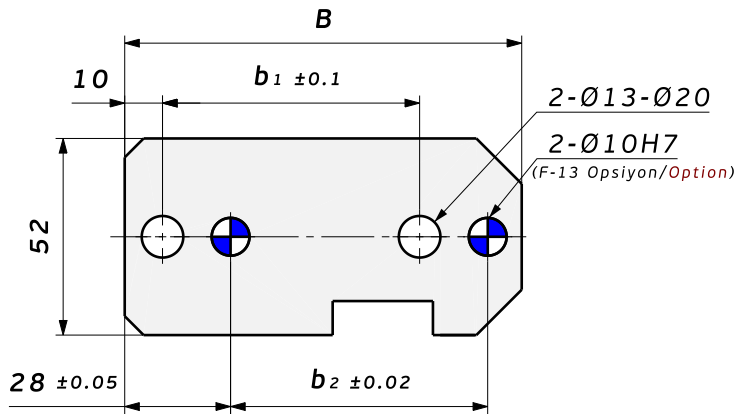
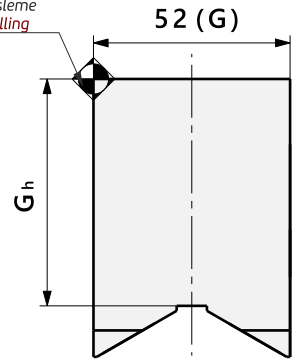




[illegible]



X,Y=0
Sürücü İşleme
Slider Milling

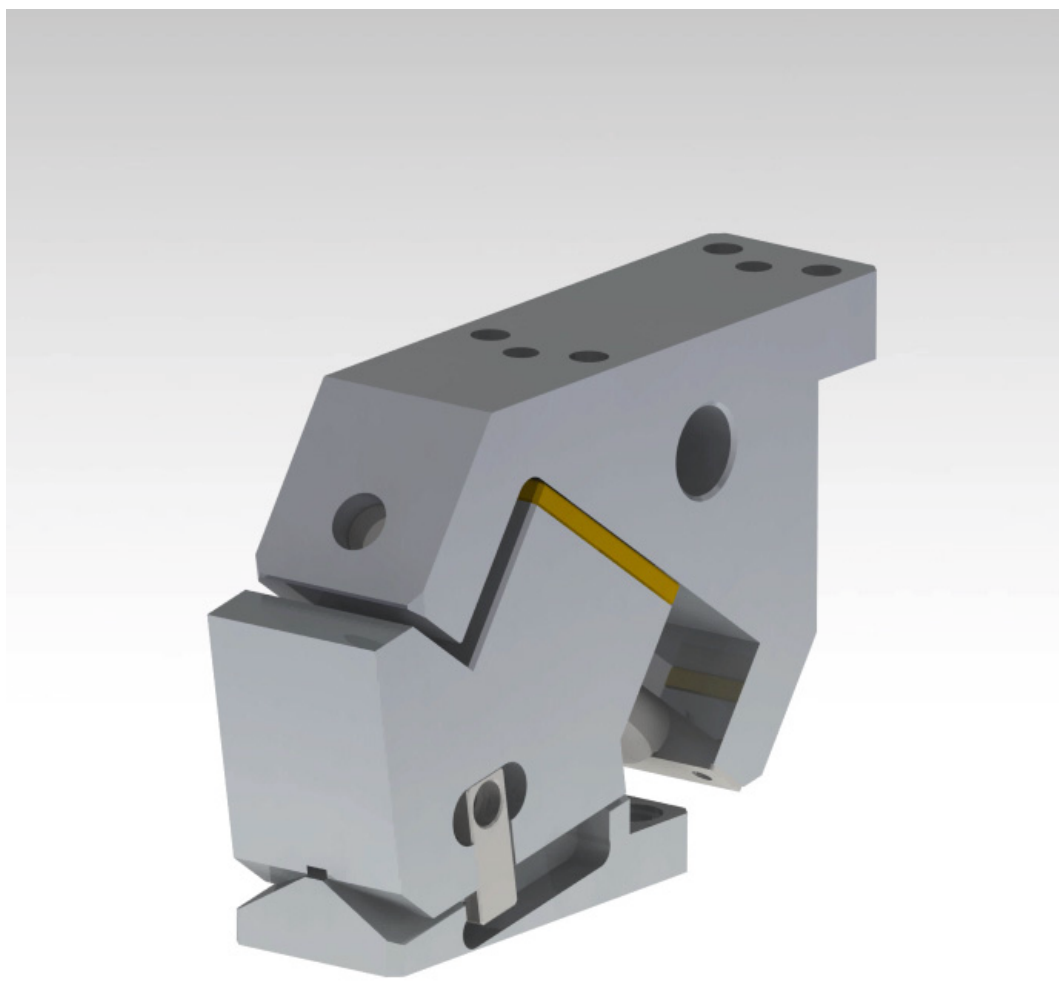


	Kod / Code	(G)	(A)	Opsiyon/Option
ORDER	AKSD	52	30	SU40

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)					
	A	S	Ps	Ss	H	H ₁	H ₂
	00	19,3	22,9			82,0	21,0
	05	21,3	23,0			79,8	26,0
	10	23,3	23,3			77,2	31,0
	15	25,4	23,7			74,2	36,0
	20	27,6	24,4			69,9	40,0
	25	30,0	25,4			66,4	45,0
	30	32,6	26,5	30		61,7	49,0
AKSD-52	35	35,4	28,1		125	57,9	54,0
	40	38,6	30,0			53,1	58,0
	45	42,3	32,5			49,3	63,0
	50	46,7	35,7			45,5	67,0
	55	52,3	42,8			42,0	73,0
	60	60,0	51,9			34,7	74,0
	65	47,3	42,9	20		25,5	73,0
	70	58,5	54,9			18,0	72,5
	75	46,3	44,8	12	150	25,4	83,0
	80	57,5	56,7	10			

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)					
	A	B ₁	B ₂	B	G _h	b ₁	b ₂
	00	45	105,0				
	05	42	111,1				
	10	37	116,6				
	15	32	121,3				
	20	27	126,4				
	25	20	134,7				
	30	17	136,3				
AKSD-52	35	10	142,1	105	60	68	68
	40	4	145,1				
	45	-4	145,4				
	50	-9	143,9				
	55	-10	144,7				
	60	-9	150,7				
	65	-45	130,2				
	70	-40	133,6				
	75	-30	148,7	111	70	55	55
	80			110			

standart
KALIP



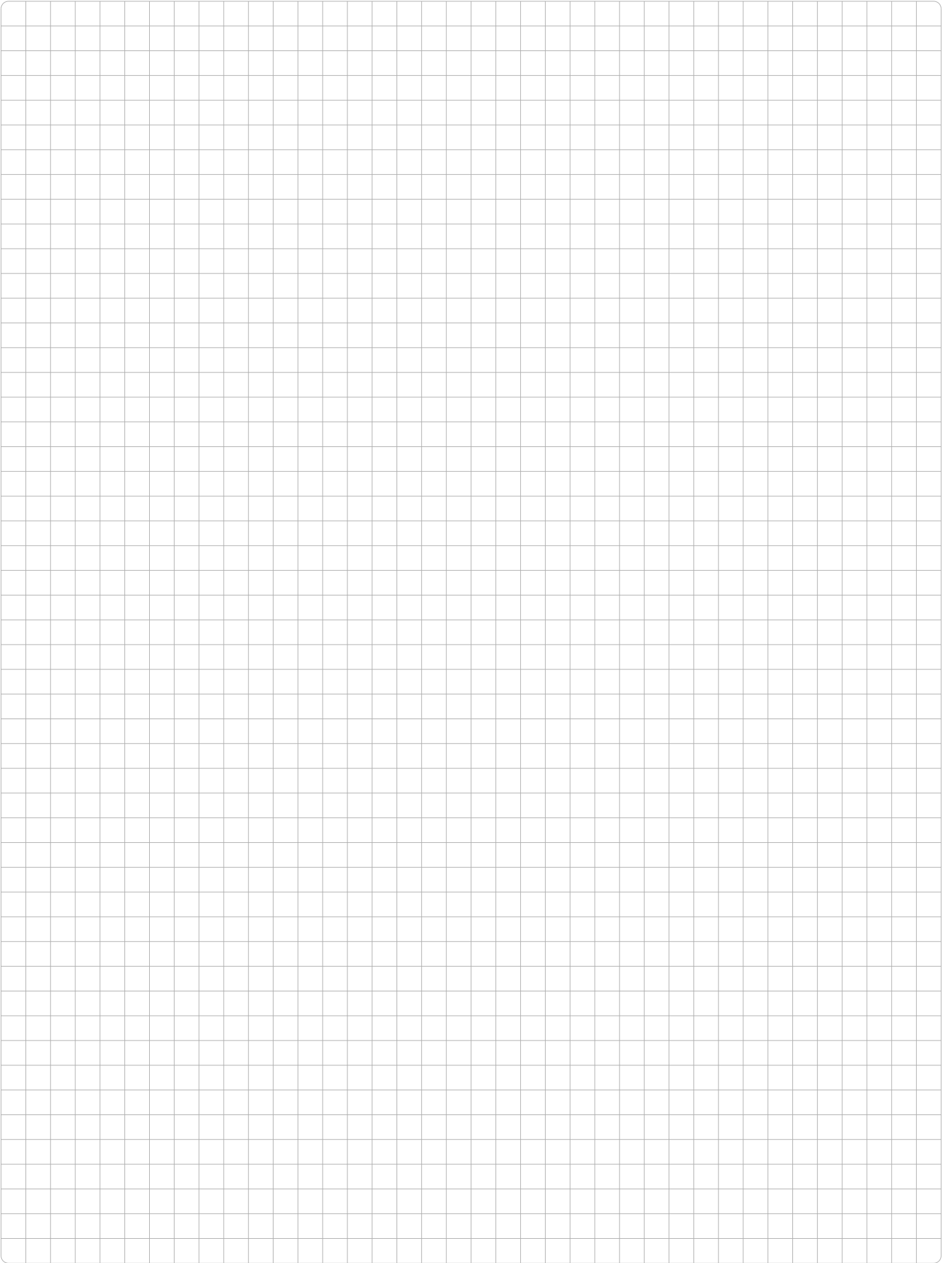
RENAULT

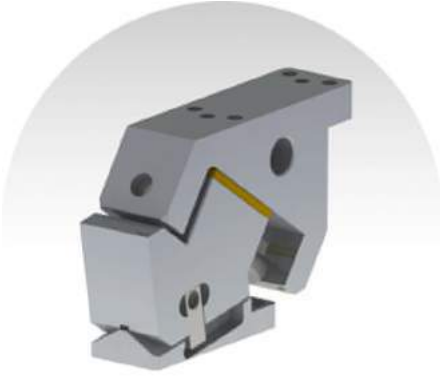


AKBLN

Kam Kodu Cam Code	Sürücü Geniřlięi Slider Width (mm)	Çalıřma Açısı Work Angle (°)	Kapalı Yükseklik Closed Height (mm)	Kam Kursu Cam Travel (mm)	Çalıřma Kuvveti Working Force kN (tonf)		Geri Çekme Kuvveti Return Force N (kgf)	
					200.000 Baskı/Stroke	1.000.000 Baskı/Stroke	Çelik Yay Coil Spring	Gazlı Yay Gas Spring
	(G)	(A)	(H)	(S)	(Fs)		(Fr)	

AKBLN-68	68	0°~60°	180~200	34~93	29,4 (3,0)		1275 (130)	
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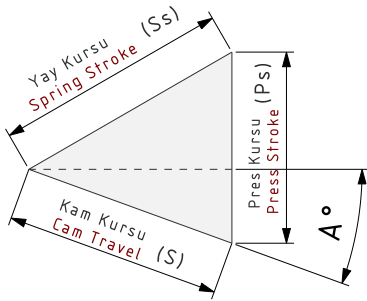




■ AKBLN-68 Bilgilendirme / **Information**

- Çalışma Kuvveti / **Working Force** : (300.000 Baskı/Stroke) 29,4kN (3,0tonf)
- Sürücü genişliği / **Slider width** : 68mm
- Çalışma Açısı / **Work Angle** : 0°~60°
- Pim Deliği Ø12H7 (Opsiyon F13) / **Dowel Pin Ø12H7 (Option F13)**
- Sipariş Örneği / **Order No** : AKBLN-68-40

■ Kam Diyagram / **Cam Diagram**



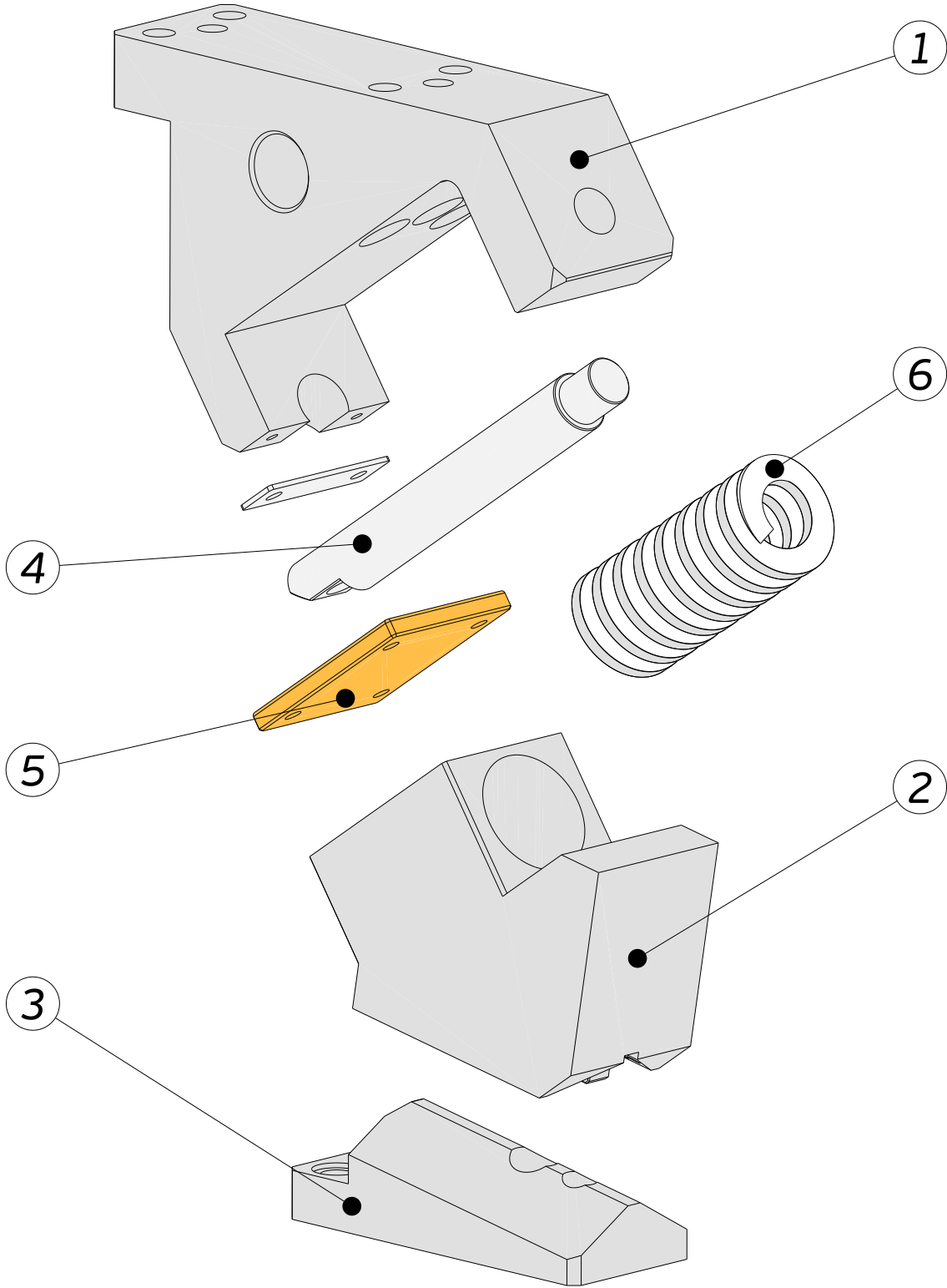
■ Sipariş Örneği / **Order No**

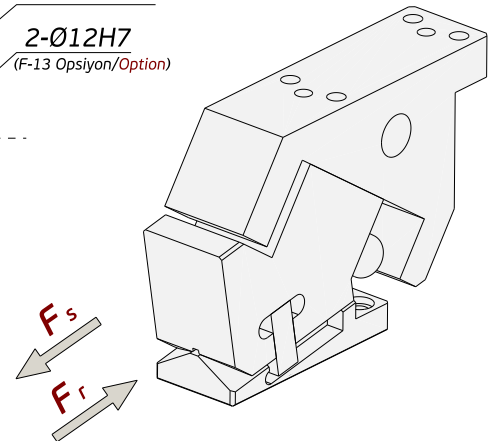
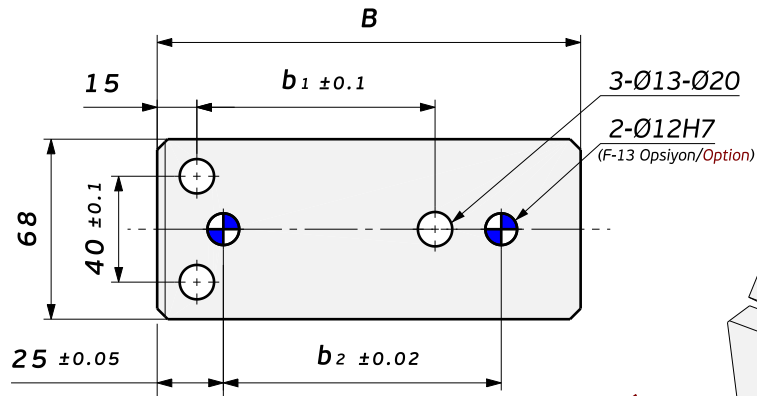
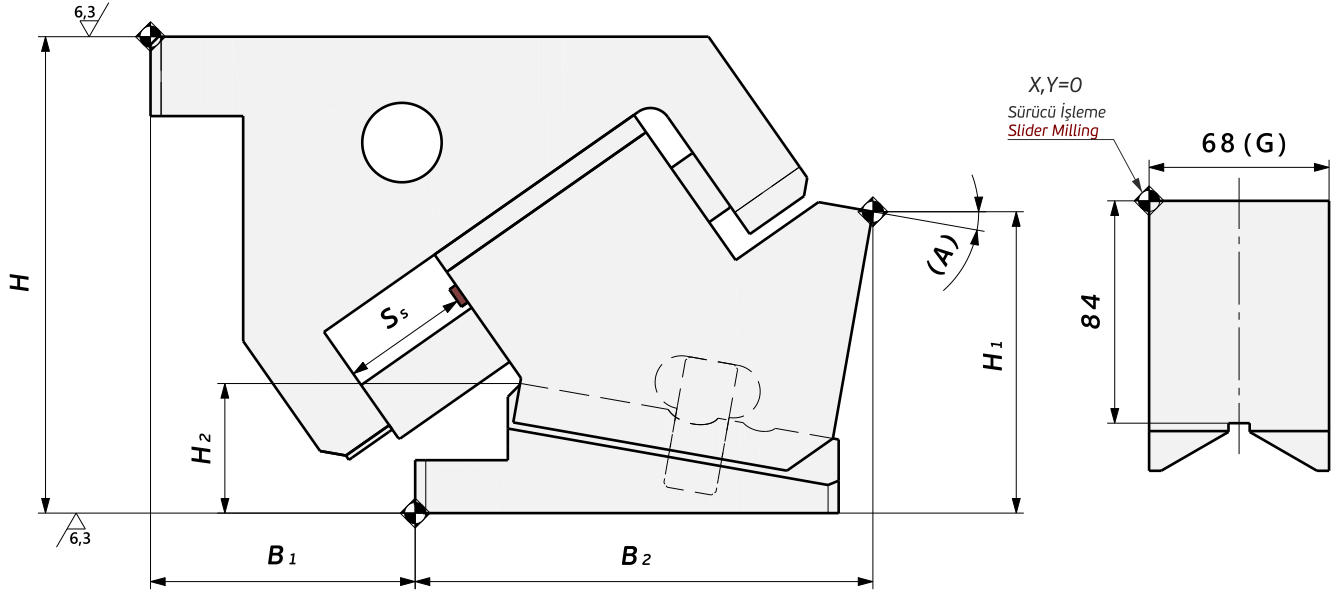
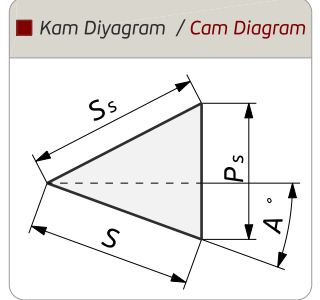
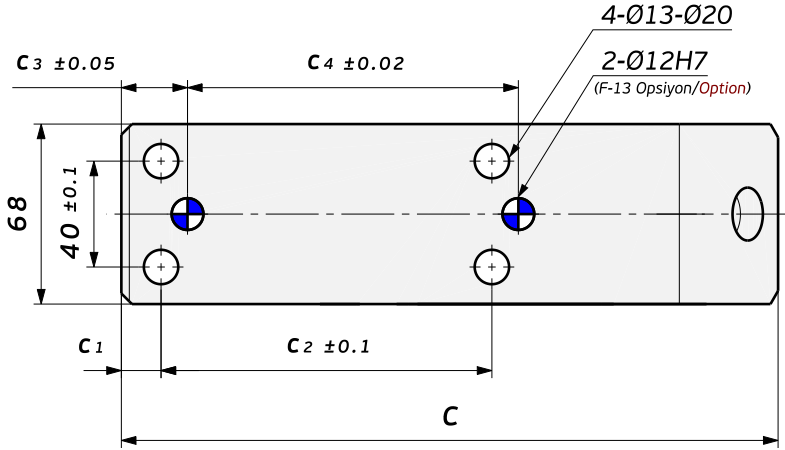
Kam Kodu Cam Code	Sürücü Genişliği Slider Width (mm)	Çalışma Açısı Work Angle (°)	Opsiyon Kodu / Option Code			
	(G)	(A)	Pim Deliği Dowel Pin	----	----	----
AKBLN - 68 - 00						
AKBLN - 68 - 20 - F13						

■ AKBLN-68 Şartname / **Specifications**

Çalışma Yüzeyi / Mounting Surface (mm)		Çalışma Açısı Work Angle (°)	Kam Kursu/Cam Travel (Stroke mm)	Çalışma Kuvveti Working Force	Yay Kuvveti Spring Force	Gazlı Yay Kuvveti Gas Spring Force Opsiyon/Option
(G)	(Gh)	(A)	(S)			
		00	33,9			
		05	36,9			
		10	39,9			
68	84	20	46,3	200.000 Baskı/Stroke	1275 N (3,0 kgf)	
		30	53,5	29,4 kN (3,0 tonf)		
		40	62,4			
		50	74,4			
		60	92,7			







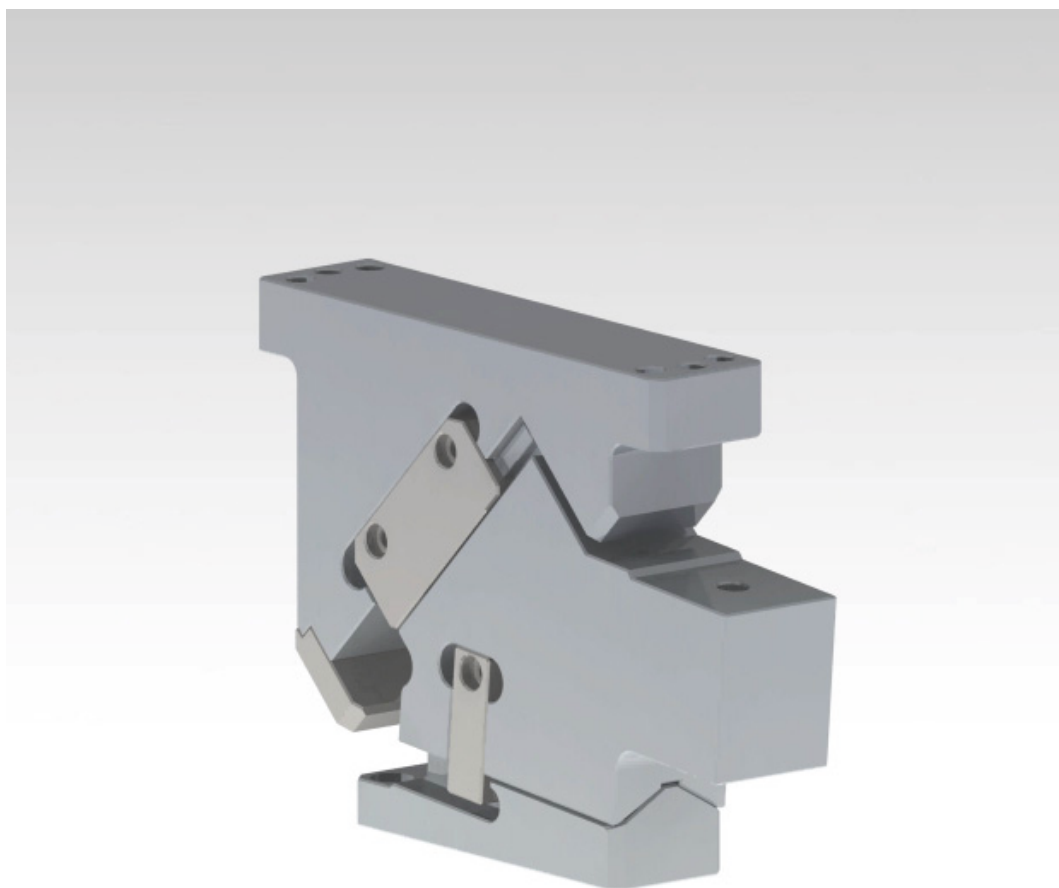


Kod / Code	(G)	(A)
AKBLN	68	30

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)							
	A	S	Ps	Ss	H	H ₁	H ₂	B ₁	B ₂
	00	33,9	33,9			130,00	43	135	125,00
	05	36,9	34,1			122,22	46	130	141,95
	10	39,9	34,4			113,87	49	100	172,59
AKBLN-68	20	46,3	36,1		180	98,83	57	75	201,84
	30	53,5	39,2	48		86,61	70	50	191,42
	40	62,4	44,3			72,98	82	60	206,56
	50	74,4	52,8		190	62,71	100	50	207,25
	60	92,7	67,9		200	48,58	110	35	208,61

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)							
	A	C	c ₁	c ₂	c ₃	c ₄	B	b ₁	b ₂
	00	237		115		115	125	70	85
	05	249					135	75	90
	10	251	15	125	25	125	160	90	105
AKBLN-68	20	257					175	95	110
	30	250	65	170	75	150	150		
	40	285							
	50	285	15	255	25	235	140	80	90
	60	255		170		150	135		

standart
KALIP



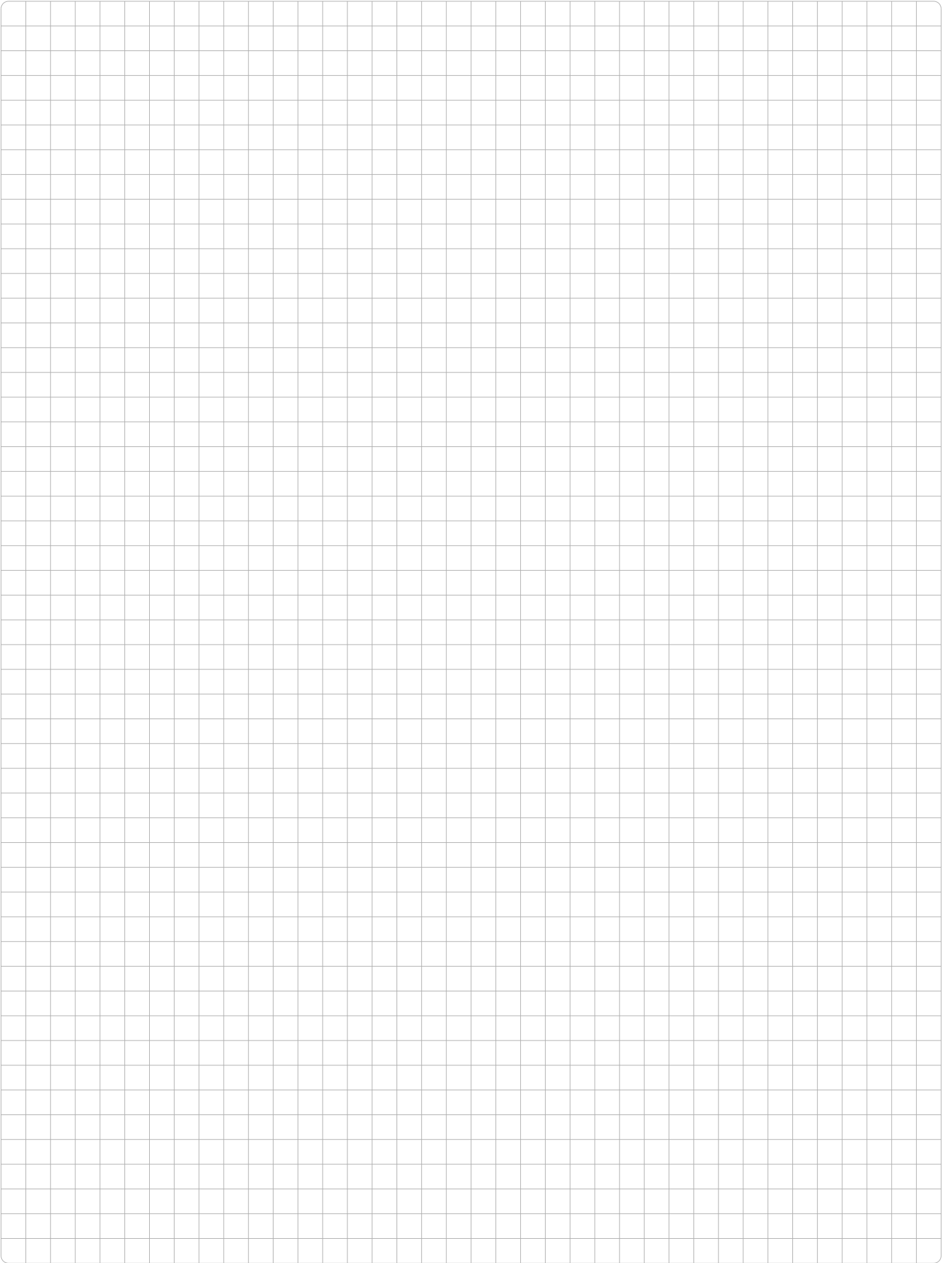
RENAULT

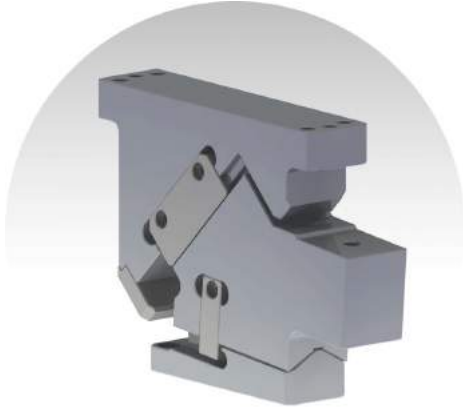


AKSNC

Kam Kodu Cam Code	Sürücü Geniřlięi Slider Width (mm)	Çalıřma Açısı Work Angle (°)	Kapalı Yükseklik Closed Height (mm)	Kam Kursu Cam Travel (mm)	Çalıřma Kuvveti Working Force kN (tonf)		Geri Çekme Kuvveti Return Force N (kgf)	
					300.000 Baskı/Stroke	1.000.000 Baskı/Stroke	Çelik Yay Coil Spring	Gazlı Yay Gas Spring
	(G)	(A)	(H)	(S)	(Fs)		(Fr)	

AKSNC-65	65	0°~25°	240	30~35	14,6 (1,5)		2820 (290)	5305 (541) ~ 6070 (618)
----------	----	--------	-----	-------	------------	--	------------	----------------------------

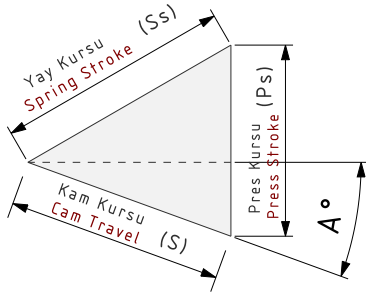




AKSNC-65 Bilgilendirme / Information

- Çalışma Kuvveti / **Working Force** : (300.000 Baskı/Stroke) 14,6kN (1,5tonf)
- Sürücü genişliği / **Slider width** : 65mm
- Çalışma Açısı / **Work Angle** : 0°~25°
- Gazlı Yay Opsiyon / **Gas Spring Option** : GY
- SU Opsiyonu / **SU Option** : 1~150 mm
- Sürtünme Plakası Opsiyonu / **Wear Plate Option** : P
- Pim Deliği Ø12H7 (Opsiyon F13) / **Dowel Pin Ø12H7 (Option F13)**
- Sipariş Örneği / **Order No** : AKSNC-65-10-SU150

Kam Diyagram / Cam Diagram



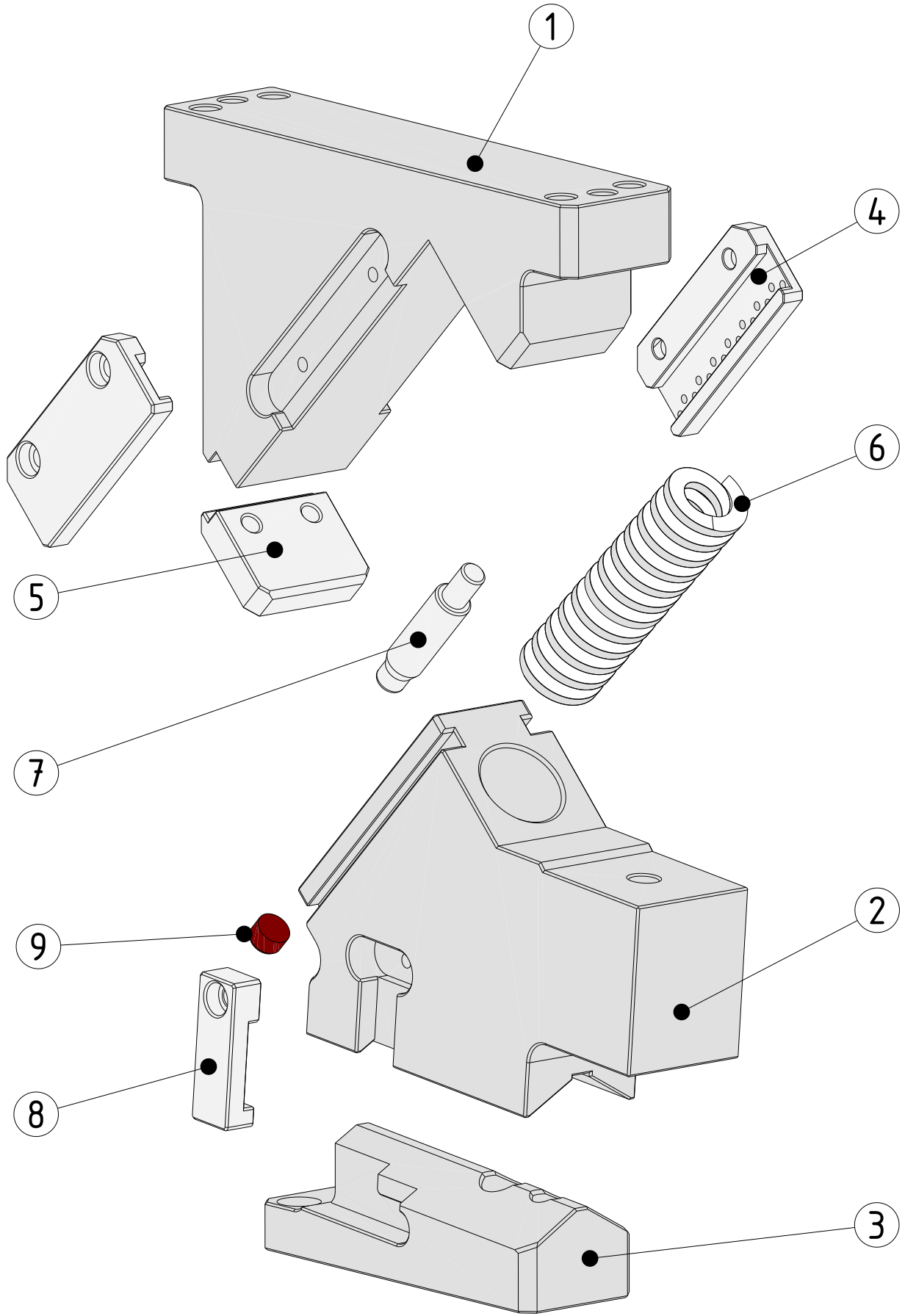
Sipariş Örneği / Order No

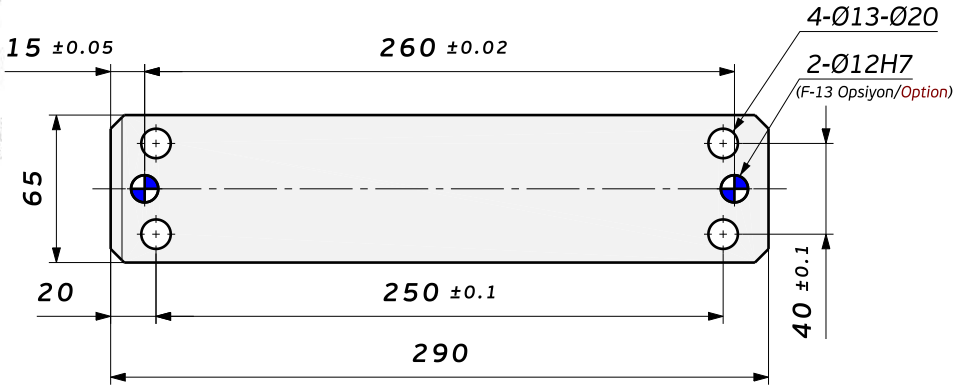
Kam Kodu Cam Code	Sürücü Genişliği Slider Width (mm)	Çalışma Açısı Work Angle (°)	Opsiyon Kodu / Option Code			
	(G)	(A)	Sürücü Uzunluğu Slider Length	Sürtünme Plakası Wear Plate	Gazlı Yay Gas Spring	Pim Deliği Dowel Pin
AKSNC - 65 - 00						
AKSNC - 65 - 15 - SU100						
AKSNC - 65 - 15 - SU80 - P - GY - F13						

AKSNC-65 Şartname / Specifications

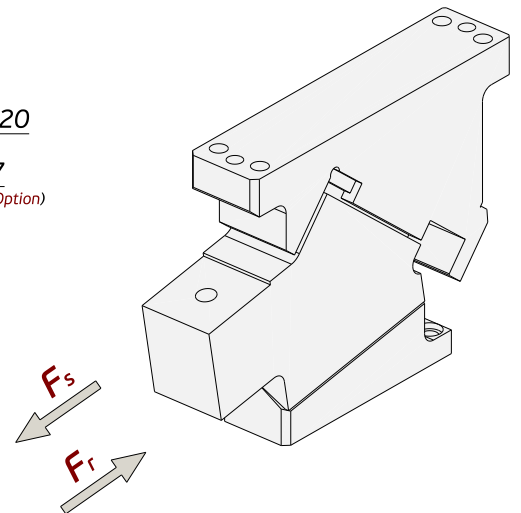
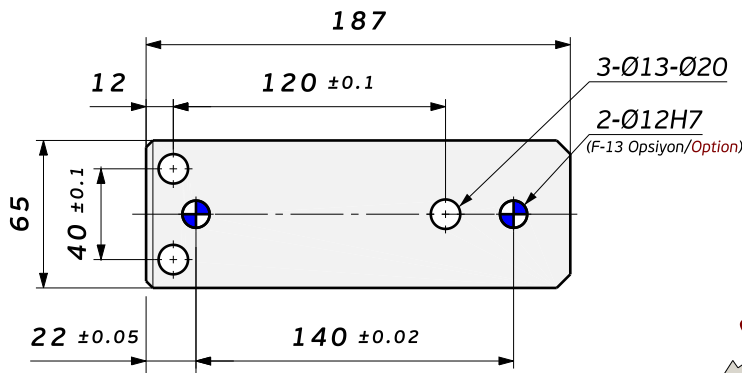
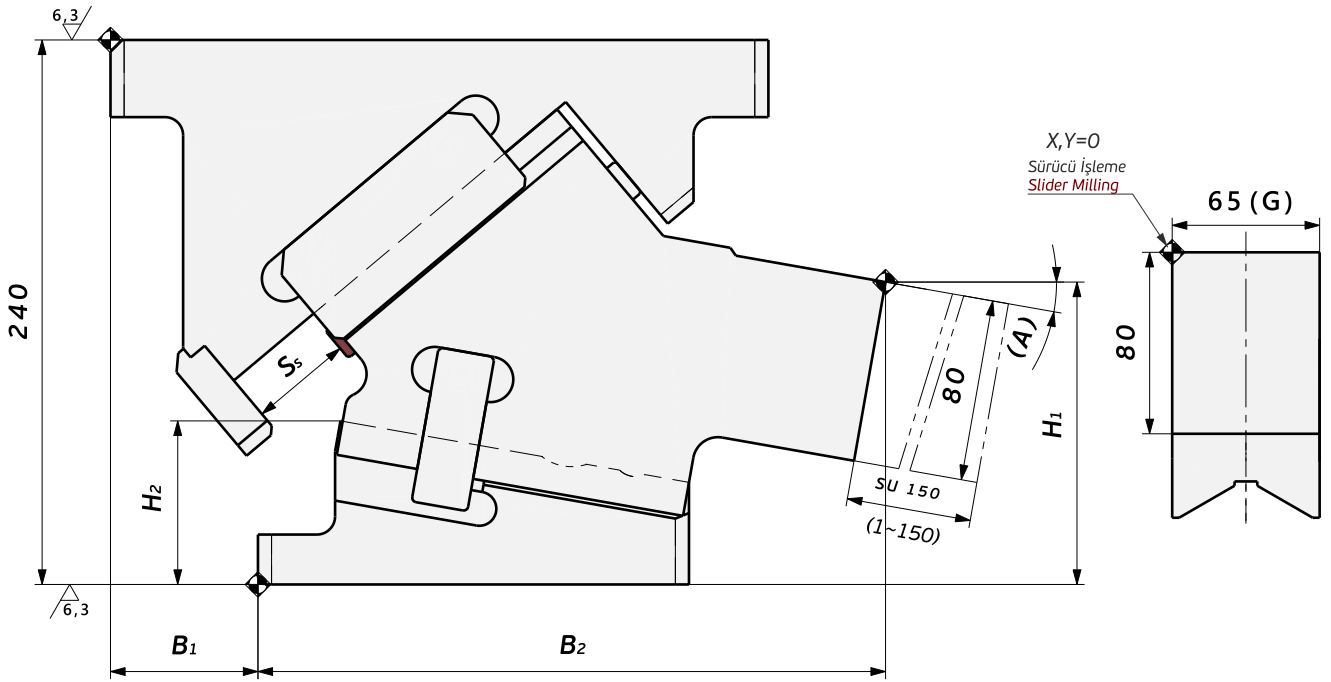
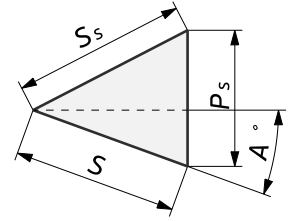
Çalışma Yüzeyi / Mounting Surface (mm)		Çalışma Açısı Work Angle (°)	Kam Kursu/Cam Travel (mm)	Çalışma Kuvveti Working Force	Yay Kuvveti Spring Force	Gazlı Yay Kuvveti Gas Spring Force Opsiyon/Option
(G)	(Gh)	(A)	(S)			
		00	30,1	300.000 Baskı/Stroke 14,6 kN (1,5 tonf)	2820 N (290 kgf)	6070N (618 kgf)
		05	31,8			5952N (607 kgf)
65	80	10	35,0			5305N (541 kgf)
		15	31,3			5432N (554 kgf)
		20	32,2			
		25	35,0			







Kam Diyagram / Cam Diagram

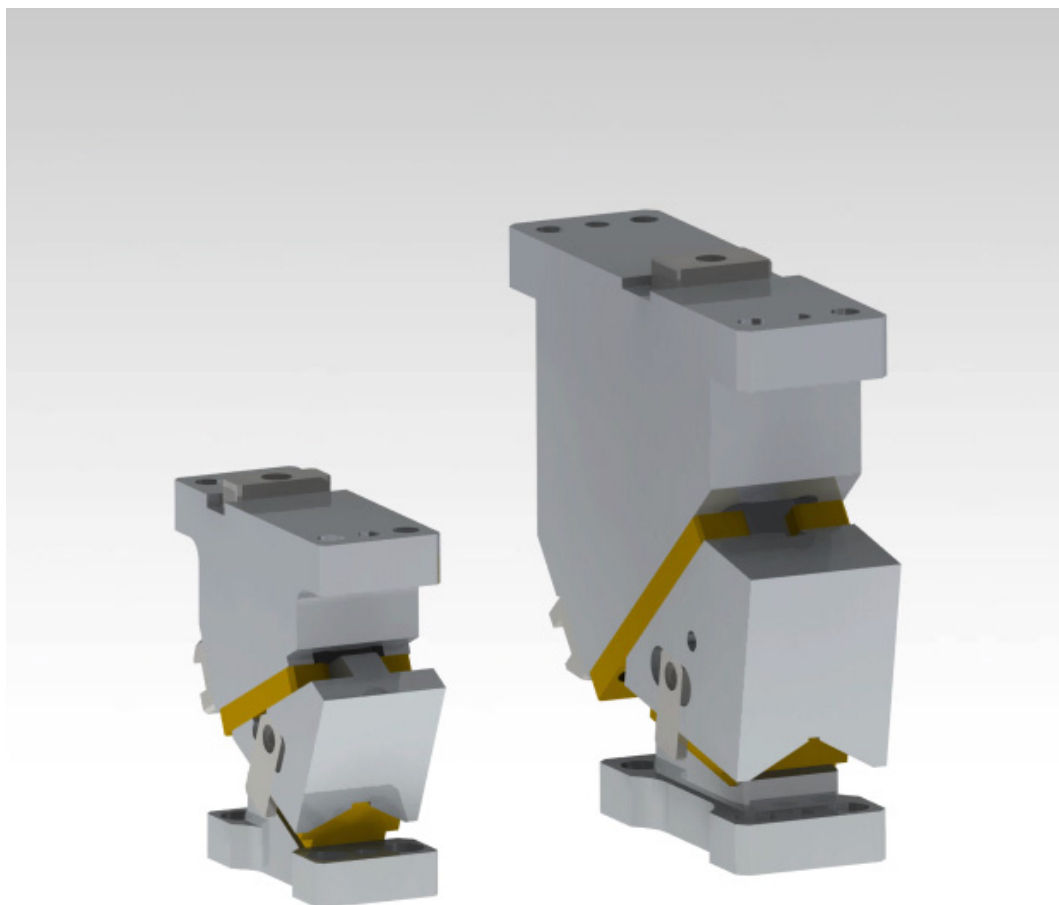




Kod / Code	(G)	(A)	Opsiyon/Option
AKSNC	65	15	F13

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)						
	A	S	Ps	Ss	H ₁	H ₂	B ₁	B ₂
	00	30,2	36,0	47	147,00	47,0	75	260,00
	05	31,9	34,6	45	140,51	58,6	70	268,62
AKSNC-65	10	35,0	35,0	45	133,3	72,3	65	276,65
	15	31,4	23,9	37	125,41	86,5	55	284,01
	20	32,3	28,5	35	106,91	91,4	45	290,66
	25	35,0	29,6	35	97,86	102,4	35	296,55

standart KALIP



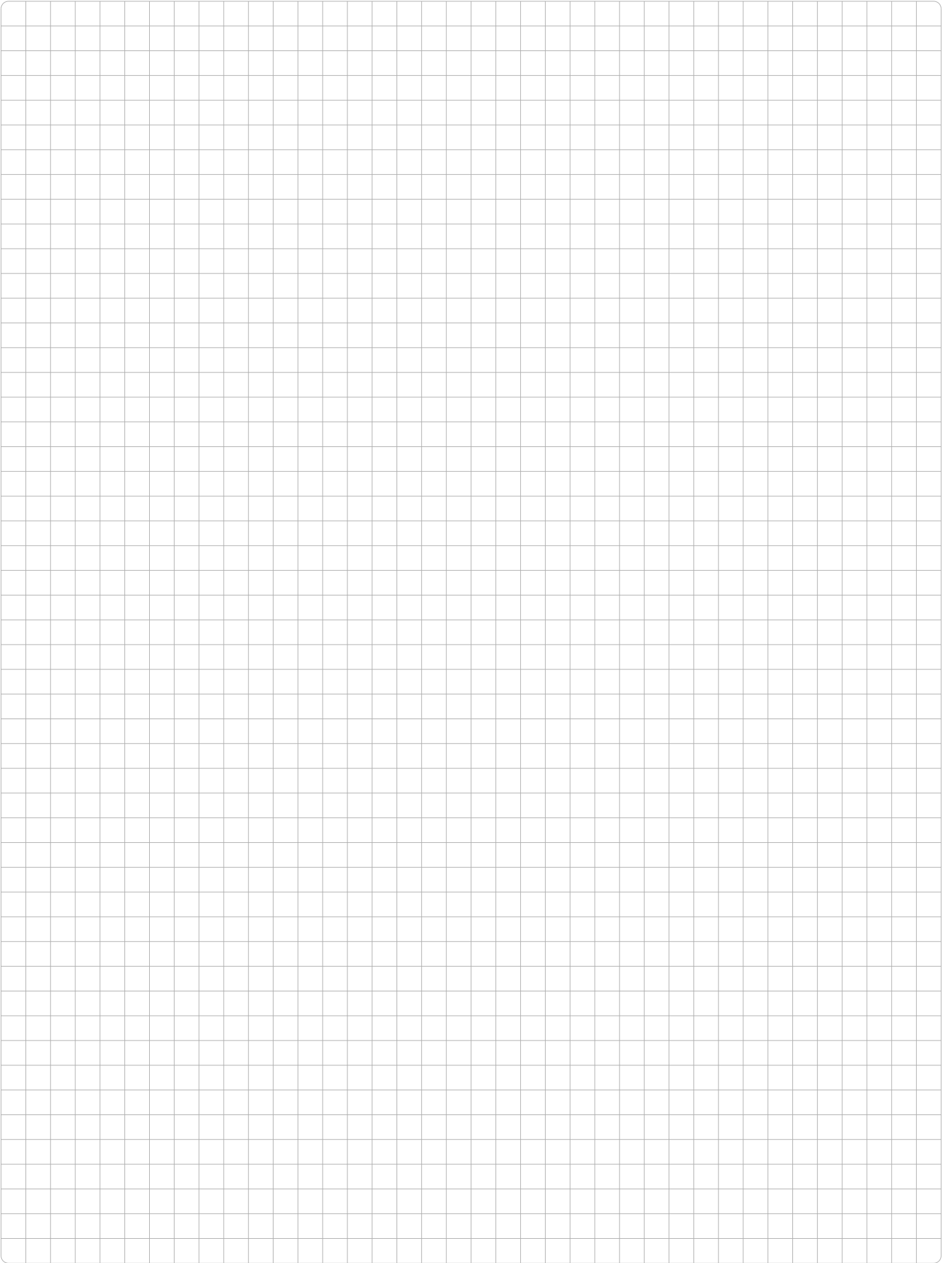
RENAULT

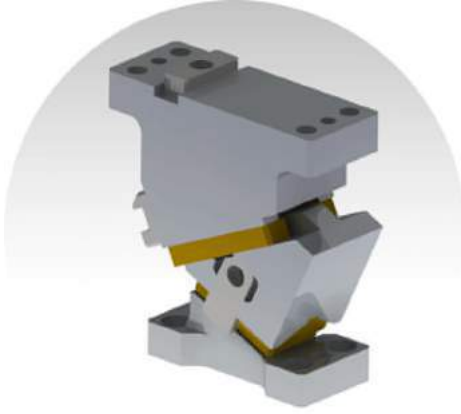


AKUC

Kam Kodu Cam Code	Sürücü Geniřlięi Slider Width (mm)	Çalıřma Açısı Work Angle (°)	Kapalı Yükseklik Closed Height (mm)	Kam Kursu Cam Travel (mm)	Çalıřma Kuvveti Working Force kN (tonf)		Geri Çekme Kuvveti Return Force N (kgf)	
					300.000 Baskı/Stroke	1.000.000 Baskı/Stroke	Çelik Yay Coil Spring	Gazlı Yay Gas Spring
	(G)	(A)	(H)	(S)	(Fs)		(Fr)	

AKUC-65	65	0°~70°	180~210	15~51	39,2 (4,0)	19,6 (2,0)	1245 (127)~ 1281 (130)	2705 (276)
AKUC-80	80	0°~70°	270	32~98	78,4 (8,0)	39,2 (4,0)	1534 (156)~ 1705 (174)	5703 (582)

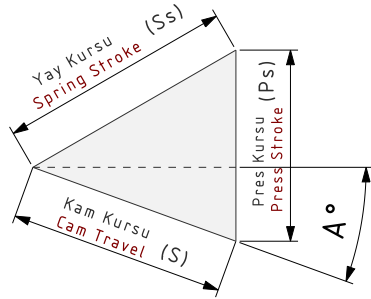




■ AKUC-65 Bilgilendirme / Information

- Çalışma Kuvveti / Working Force : (300.000 Baskı/Stroke) 39,2 kN (4,0tonf)
- Sürücü genişliği / Slider width : 65mm
- Çalışma Açısı / Work Angle : 0°~70°
- Gazlı Yay Opsiyon / Gas Spring Option : GY
- SU Opsiyonu / SU Option : 1~60 mm
- Sürtünme Plakası Opsiyonu / Wear Plate Option : P
- Sipariş Örneği / Order No : AKUC-65-25-SU60

■ Kam Diyagram / Cam Diagram



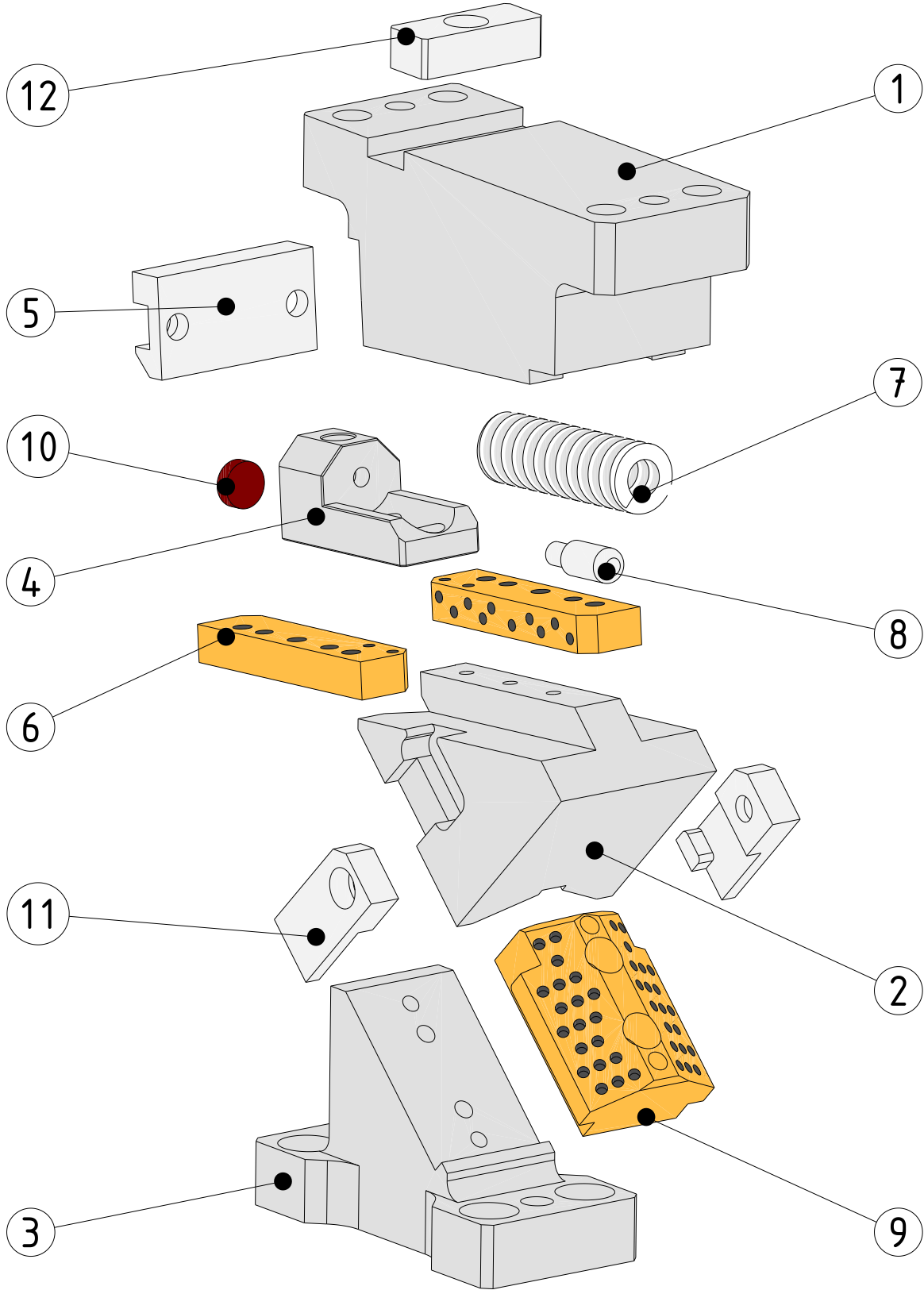
■ Sipariş Örneği / Order No

Kam Kodu Cam Code	Sürücü Genişliği Slider Width (mm)	Çalışma Açısı Work Angle (°)	Opsiyon Kodu / Option Code			
	(G)	(A)	Sürücü Uzunluğu Slider length	Sürtünme Plakası Wear Plate	Gazlı Yay Gas Spring	----
AKUC	- 65	- 00				
AKUC	- 65	- 20				- SU50
AKUC	- 65	- 40				- SU20 - P - GY

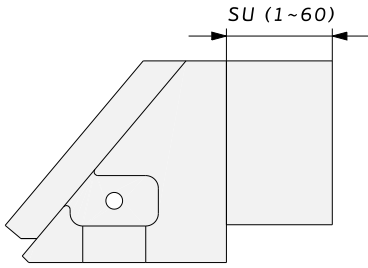
■ AKUC-65 Şartname / Specifications

Çalışma Yüzeyi / Mounting Surface (mm)	Çalışma Açısı Work Angle (°)	Kam Kursu/Cam Travel (Stroke mm)	Çalışma Kuvveti Working Force	Yay Kuvveti Spring Force	Gazlı Yay Kuvveti Gas Spring Force Opsiyon/Option
(G)	(Gh)	(A)	(S)		
		00	15,0		
		05	15,1		
		10	15,2		
		15	15,5		
		20	16,5		
		25	17,1		
		30	18,5		
65	65	35	19,6		2705 N (276 kgf)
		40	21,5		
		45	23,3		
		50	26,5		
		55	27,9		
		60	35,0		
		65	41,4		
		70	51,1		

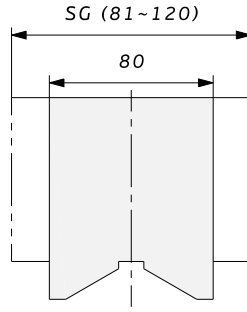




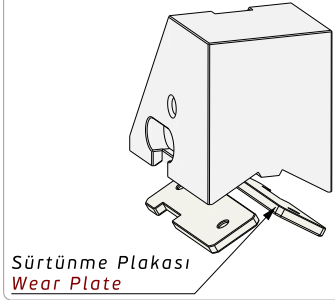
SU Opsiyonu / SU Option



SG Opsiyonu / SG Option



P Opsiyonu / P Option

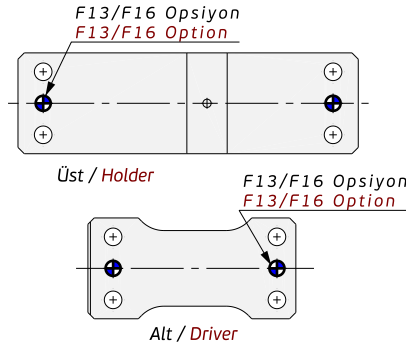


GY Opsiyonu / GY Option

1x

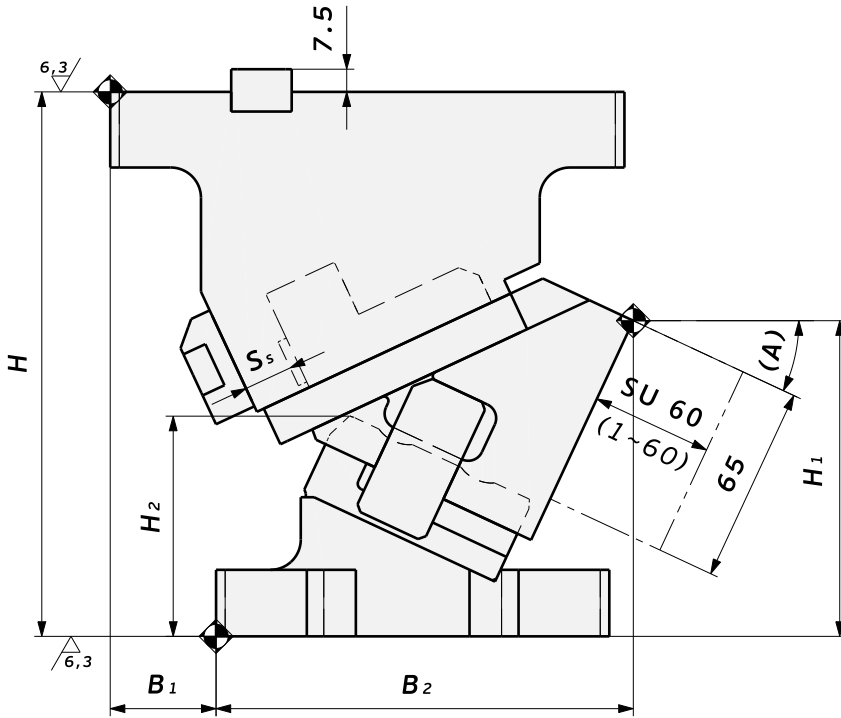
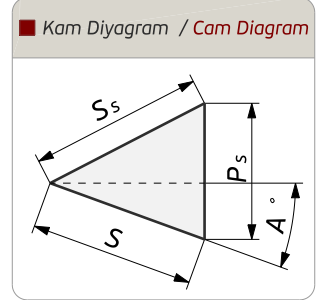
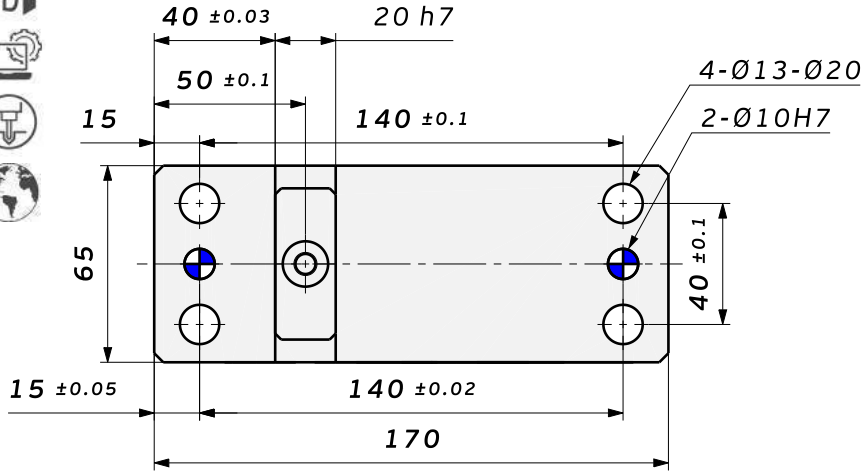


F13 Opsiyonu / F13 Option

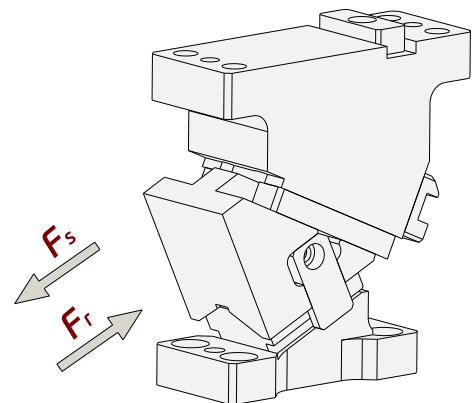
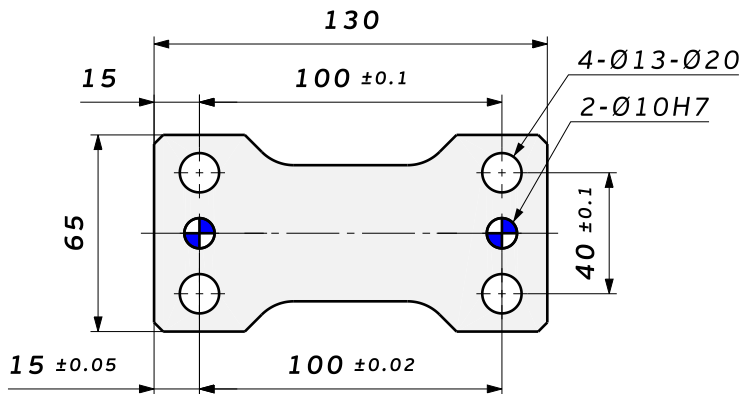
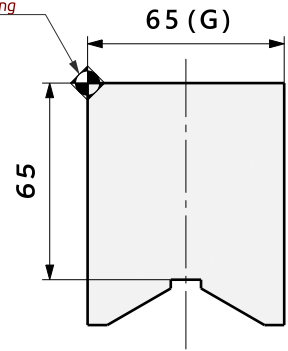


Parça No Part Number	Açıklama / Description	Malzeme Material	Adet Quantity
1	Üst Gövde / Cam Holder	GGG60	1
2	Sürücü / Cam Slider	GGG60	1
3	Alt Gövde / Cam Driver	GGG60	1
4	Yay Tutucu / Spring Guide Block	CK45 HRC±2	1
5	Arka Kapak / Stopper Plate	CK45	1
6	Üst Yan Kapak / Upper Plate	SAE 430B	2
7	Çelik Yay / Coil Spring	----	1
8	Yay Pimi / Spring Pin	Ç1050	1
9	Alt V Kızak / Cam Slide Guide	SAE 430B	1
10	Vulkollan / Stopper	Urethane	1
11	Yan Kol / Positive Return	1.2312	2
12	Kilit / Key (KM07-32-50)	CK45	1



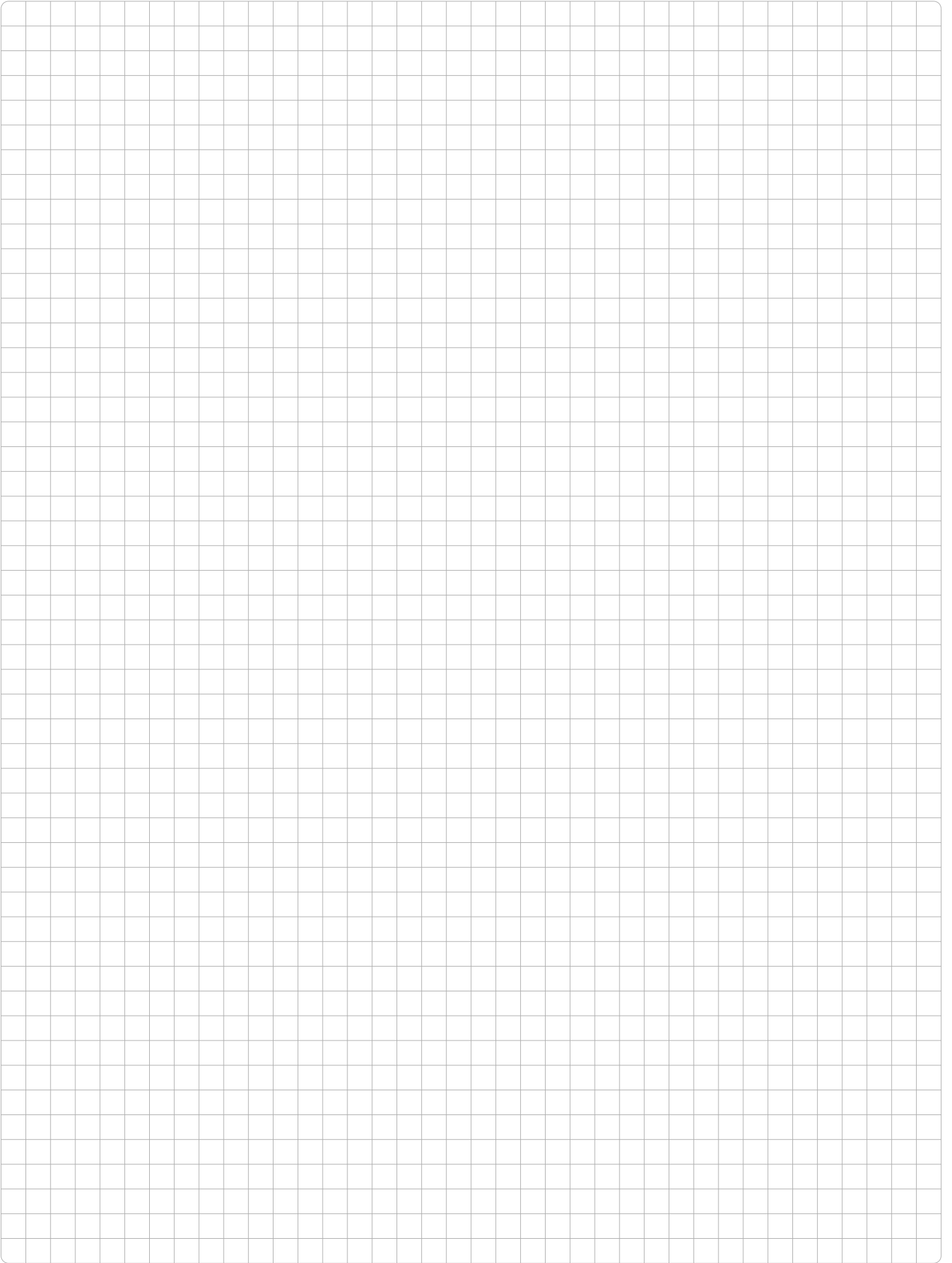


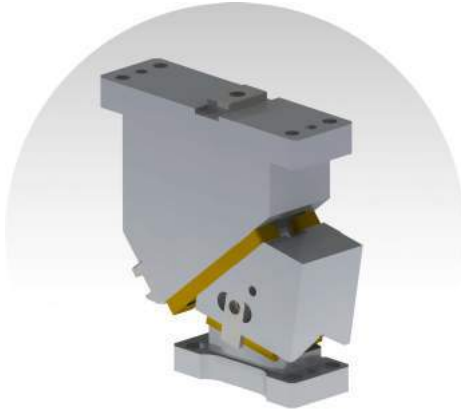
X,Y=0
Sürücü İşleme
Slider Milling



	Kod / Code	(G)	(A)	Opsiyon/Option
ORDER	AKUC	65	10	SU20 - P - GY

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)							
	A	S	Ps	Ss	H	H₁	H₂	B₁	B₂
	00	15,0	15,0	21,2		127,0	59,5	60	110,0
	05	15,1	13,9	19,6		119,7	59,0	55	116,4
	10	15,2	13,1	18,3		117,0	63,5	50	122,2
	15	15,5	12,7	17,3		113,7	67,9	40	127,2
	20	16,5	12,9	17,1	180	110,0	72,2	35	136,5
	25	17,1	14,5	16,6		104,4	74,9	30	138,0
	30	18,5	13,6	16,5		101,7	80,7	20	147,8
AKUC-65	35	19,6	15,5	17,1		96,8	84,5	10	153,3
	40	21,5	15,2	17,1		97,6	96,0	2,5	160,8
	45	23,3	17,9	17,1		93,5	100,9	-5	163,0
	50	26,5	18,8	18,1	190	93,2	111,1	-10	165,4
	55	29,7	22,8	18,1		90,1	115,3	-20	159,5
	60	35,0	25,6	18,1		89,2	129,1	-25	156,7
	65	41,4	32,8	18,1	210	87,2	129,4	-32	150,3
	70	51,1	43,4			78,3	128,5		146,5

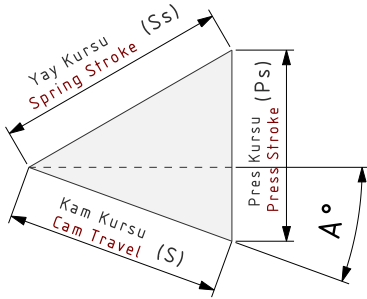




AKUC-80 Bilgilendirme / Information

- Çalışma Kuvveti / **Working Force** : (300.000 Baskı/Stroke) 78,4 kN (8,0tonf)
- Sürücü genişliği / **Slider width** : 80mm
- Çalışma Açısı / **Work Angle** : 0°~70°
- Gazlı Yay Opsiyon / **Gas Spring Option** : GY
- Sürtünme Plakası Opsiyonu / **Wear Plate Option** : P
- SU Opsiyonu / **SU Option** : 1~60 / SG Opsiyonu / **SG Option** : 81~120
- Pim Deliği Ø13H7-Ø16H7 (Opsiyon) / **Dowel Pin Ø13H7-Ø16H7 (Option)**
- Sipariş Örneği / **Order No** : AKUC-80-30-SU50-GY

Kam Diyagram / Cam Diagram



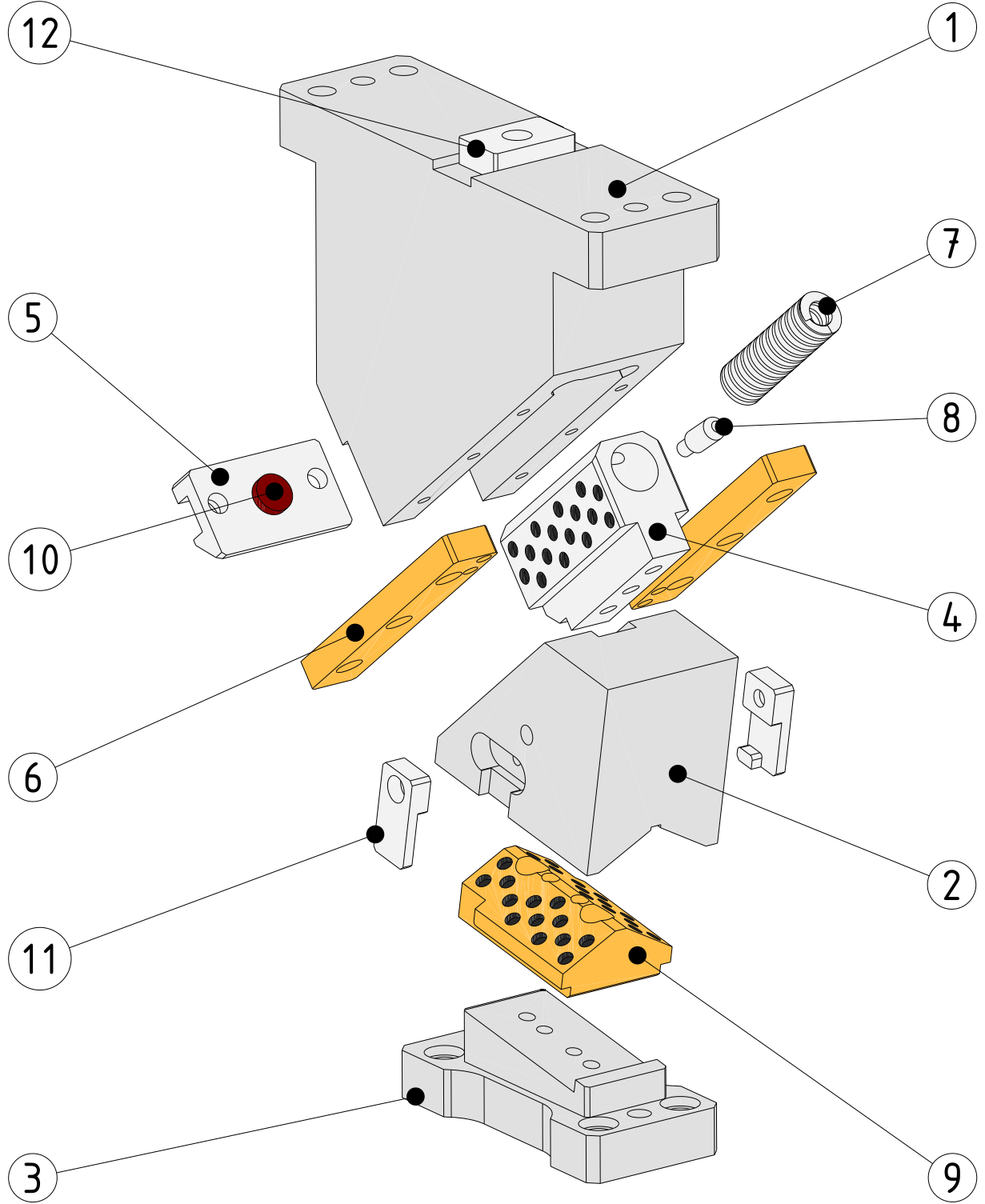
Sipariş Örneği / Order No

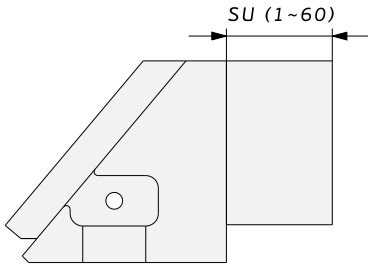
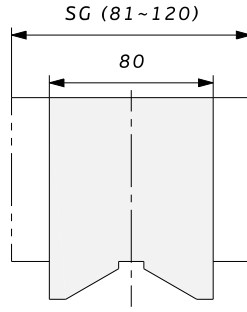
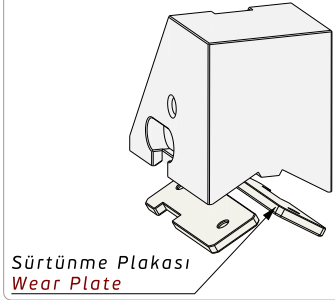
Kam Kodu Cam Code	Sürücü Genişliği Slider Width (mm)	Çalışma Açısı Work Angle (°)	Opsiyon Kodu / Option Code				
			Sürücü Uzunluğu Slider Length	Sürücü Genişliği Slider Width	Sürtünme Plakası Wear Plate	Gazlı Yay Gas Spring	Pim Deliği Dowel Pin
AKUC	80	00					
AKUC	80	20					
AKUC	80	40					

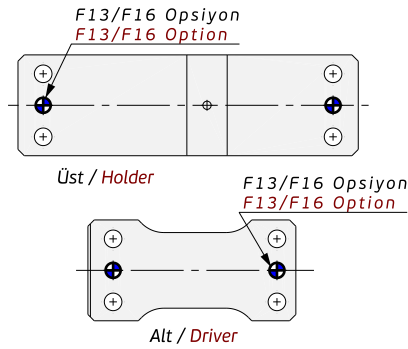
AKUC-80 Şartname / Specifications

Çalışma Yüzeyi / Mounting Surface (mm)		Çalışma Açısı Work Angle (°)	Kam Kursu/Cam Travel (Stroke mm)	Çalışma Kuvveti Working Force	Yay Kuvveti Spring Force	Gazlı Yay Kuvveti Gas Spring Force Opsiyon/Option
(G)	(Gh)	(A)	(S)			
		00	32,1			
		05	38,4			
		10	38,9			
		15	39,7			
		20	46,1			
		25	47,8			
		30	54,3			
80	86	35	57,4			
		40	64,3			
		45	69,6			
		50	77,8			
		55	87,2			
		60	98,5			
		65	81,6			
		70	86,4			



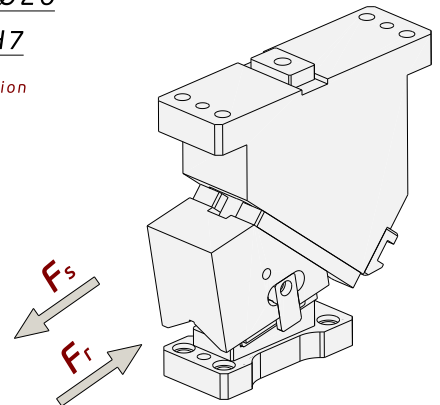
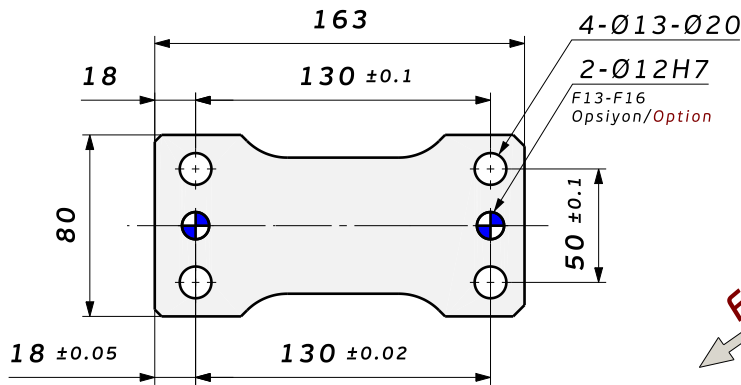
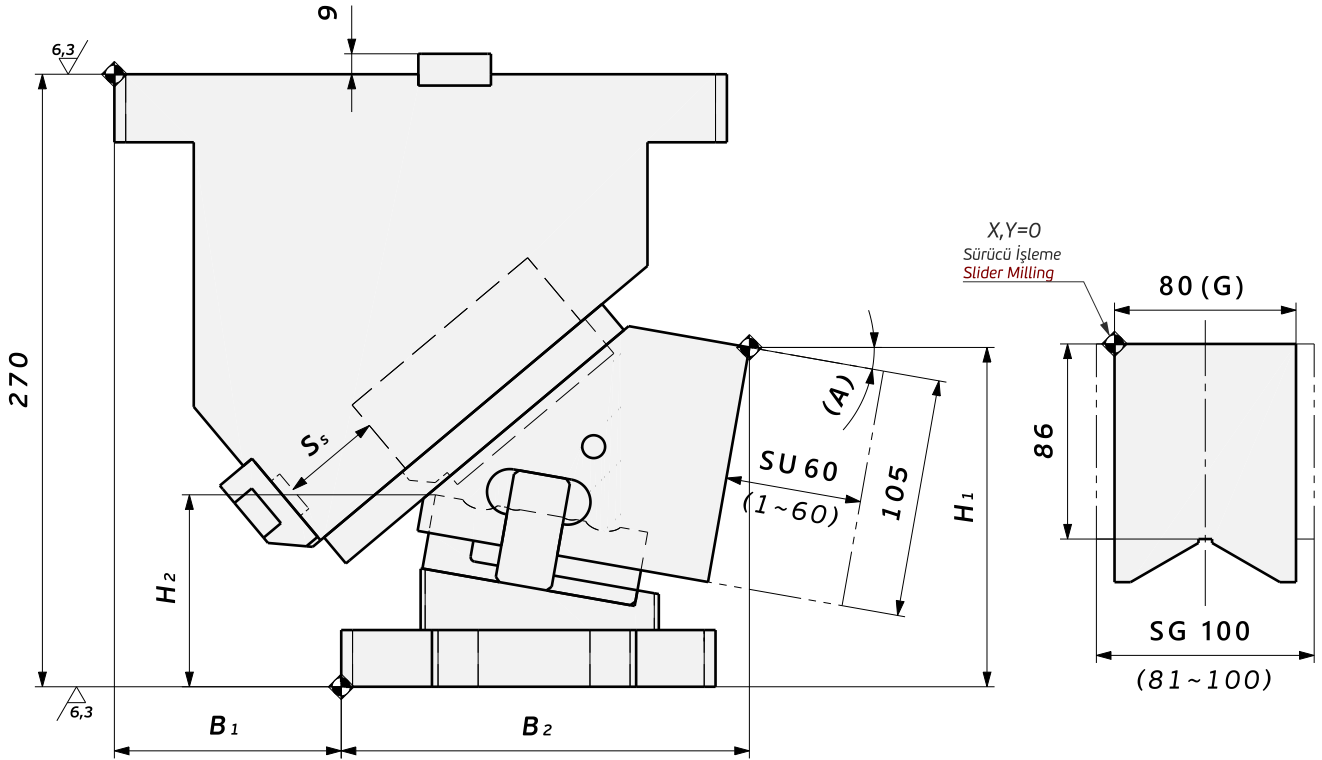
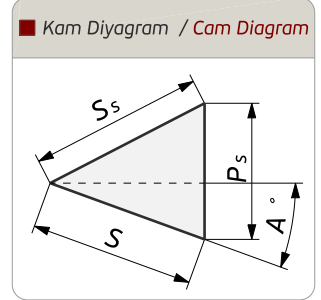
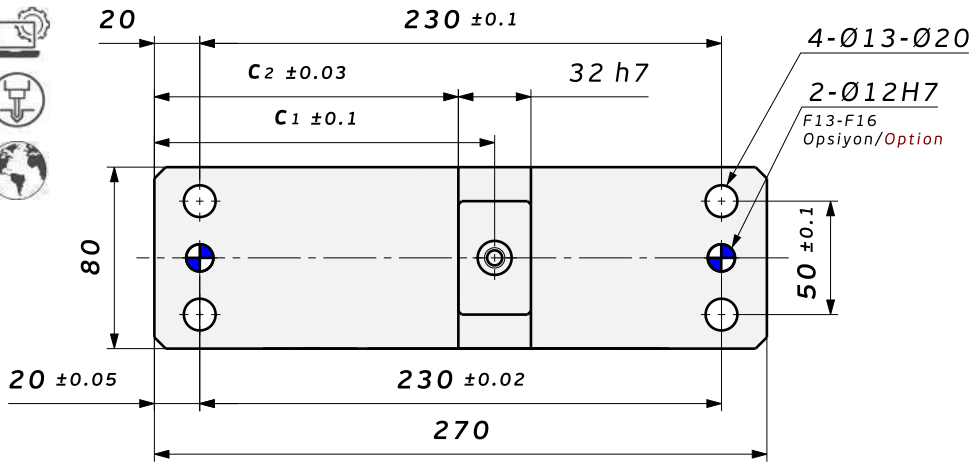


SU Opsiyonu / SU Option

SG Opsiyonu / SG Option

P Opsiyonu / P Option

GY Opsiyonu / GY Option
1x

F13 Opsiyonu / F13 Option


Parça No Part Number	Açıklama / Description	Malzeme Material	Adet Quantity
1	Üst Gövde / Cam Holder	GGG60	1
2	Sürücü / Cam Slider	GGG60	1
3	Alt Gövde / Cam Driver	GGG60	1
4	Yay Tutucu / Spring Guide Block	CK45 HRC±2	1
5	Arka Kapak / Stopper Plate	CK45	1
6	Üst Yan Kapak / Upper Plate	SAE 430B	2
7	Çelik Yay / Coil Spring	----	1
8	Yay Pimi / Spring Pin	Ç1050	1
9	Alt V Kızak / Cam Slide Guide	SAE 430B	1
10	Vulkollan / Stopper	Urethane	1
11	Yan Kol / Positive Return	1.2312	2
12	Kilit / Key (KM07-20-50)	CK45	1

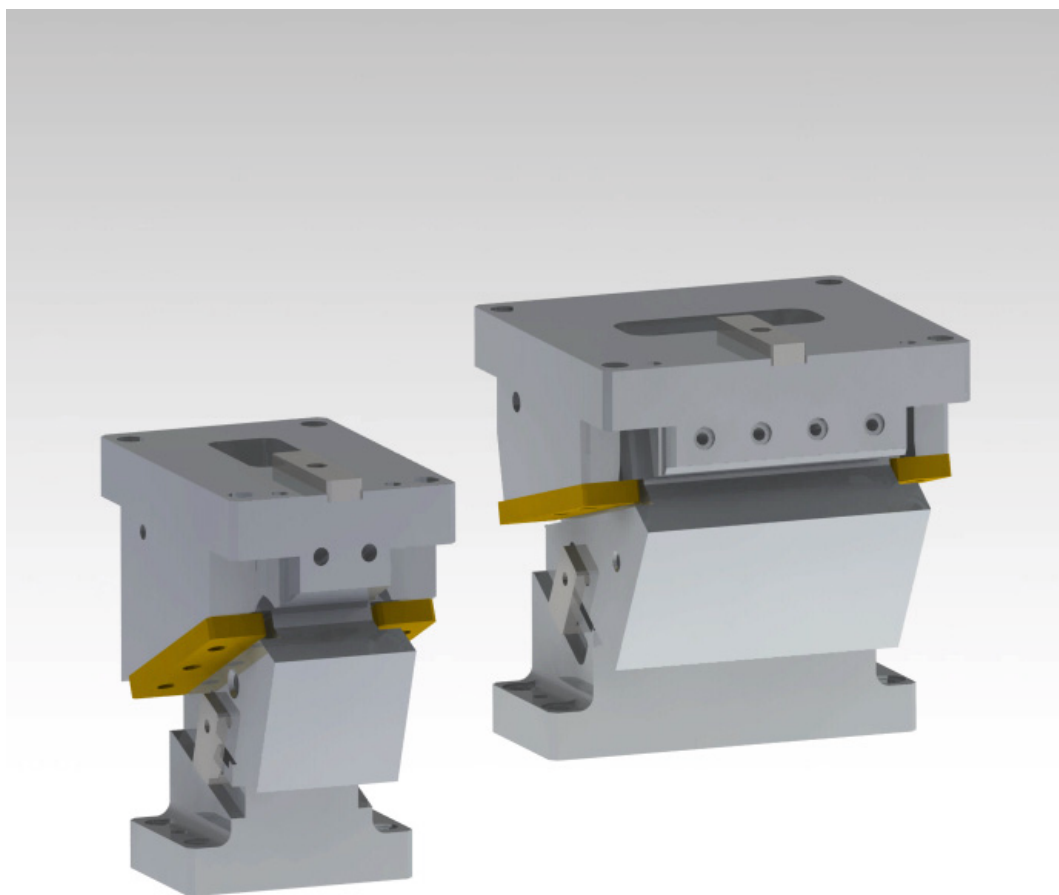




	Kod / Code	(G)	(A)	Opsiyon/Option
ORDER	AKUC	80	10	SU20 - SG90 - P - GY - F16

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)								
	A	S	Ps	Ss	H₁	H₂	B₁	B₂	c₁	c₂
	00	32,1	38,3		171,0	83,0		160,0	130	114
	05	38,4	35,5		160,6	83,8	100	172,9		
	10	38,9	38,9		149,6	84,6		179,9	150	134
	15	39,7	42,4		138,0	85,3		185,9		
	20	46,1	40,8		140,9	100,9	90	195,9		
	25	47,8	45,2		128,4	101,5		199,8		
	30	54,3	44,2	50	135,6	121,9	75	207,6		
AKUC-80	35	57,4	50,0		122,7	122,3		209,3		
	40	64,3			129,6	142,6	60	214,8		
	45	69,6	57,9		116,6	142,7		214,2	170	154
	50	77,8	59,6		118,6	157,8	35	227,5		
	55	87,2	71,4		105,9	157,8		224,6		
	60	98,5	76,6		93,4	157,7	0	240,6		
	65	81,6	67,8	35	81,4	157,4	-5	235,6		
	70	86,4	76,0	30	74,5	157,1	-10	227,8		

standart
KALIP



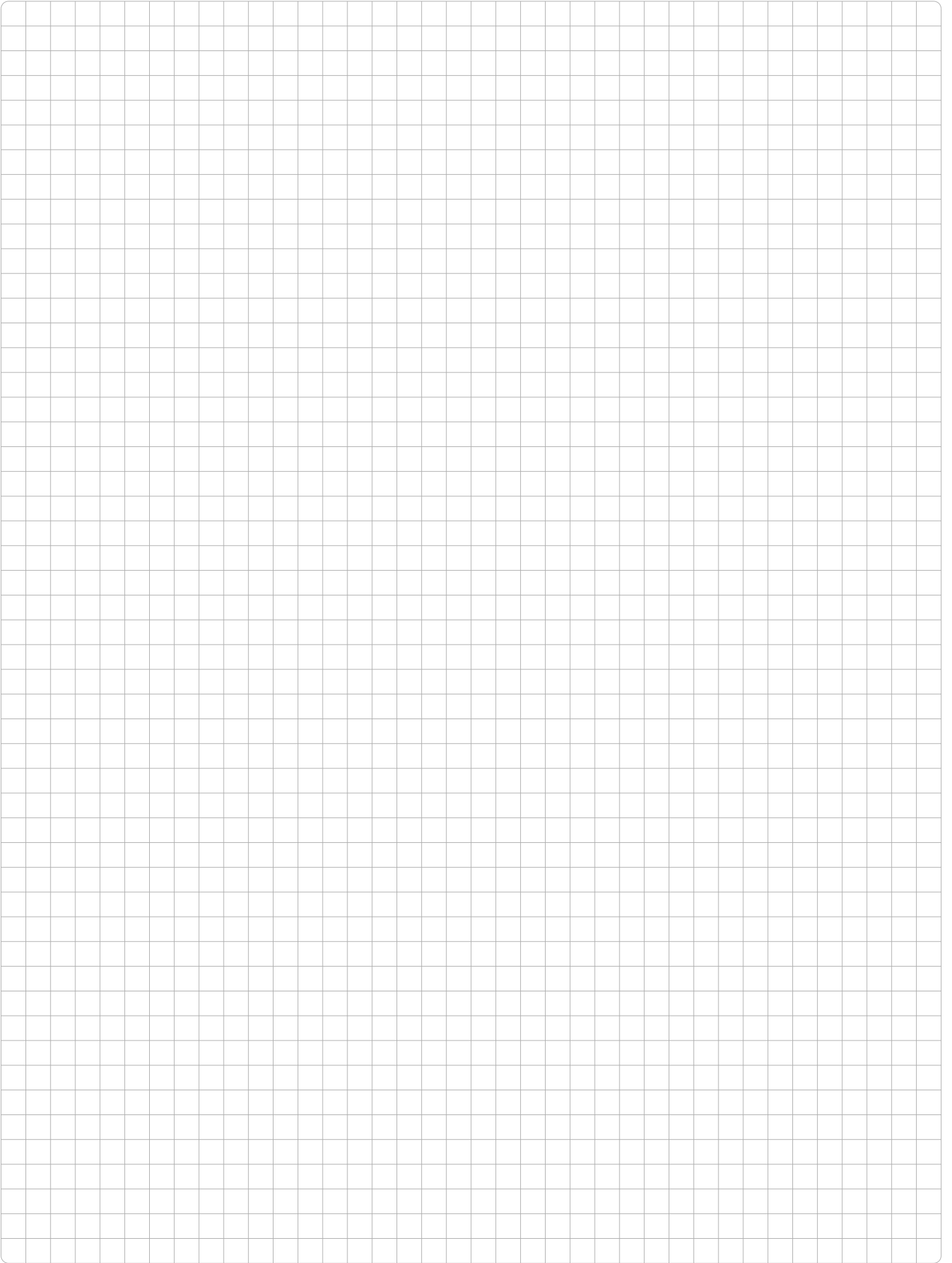
RENAULT



AKSOUK

Kam Kodu Cam Code	Sürücü Geniřlięi Slider Width (mm)	Çalıřma Açısı Work Angle (°)	Kapalı Yükseklik Closed Height (mm)	Kam Kursu Cam Travel (mm)	Çalıřma Kuvveti Working Force kN (tonf)		Geri Çekme Kuvveti Return Force N (kgf)	
					300.000 Baskı/Stroke	1.000.000 Baskı/Stroke	Çelik Yay Coil Spring	Gazlı Yay Gas Spring
	(G)	(A)	(H)	(S)	(Fs)		(Fr)	

AKSOUK-100	100	0°~70°	280	28~60	88,2 (9,0)	44,1 (4,5)	2877 (293)~ 3228 (329)	5076 (518)
AKSOUK-200	200	0°~70°	280	28~60	196,0 (20,0)	98,0 (10,0)	5754 (587)~ 6456 (659)	11074 (1130)

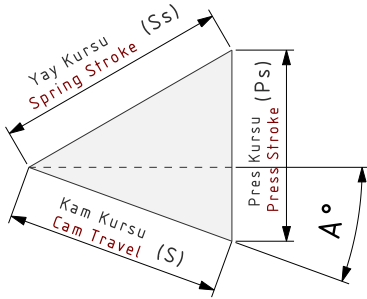




AKSOUK-100 Bilgilendirme / Information

- Çalışma Kuvveti / **Working Force** : (300.000 Baskı/Stroke) 88,2kN (9,0tonf)
- Sürücü genişliği / **Slider width** : 100mm
- Çalışma Açısı / **Work Angle** : 0°~70°
- Gazlı Yay Opsiyon / **Gas Spring Option** : GY
- Sürtünme Plakası Opsiyonu / **Wear Plate Option** : P
- Pim Deliği Ø12H7-Ø13H7 (Opsiyon) / **Dowel Pin Ø12H7-Ø13H7 (Option)**
- Sipariş Örneği / **Order No** : AKSOUK-100-10-P-GY-F12

Kam Diyagram / Cam Diagram



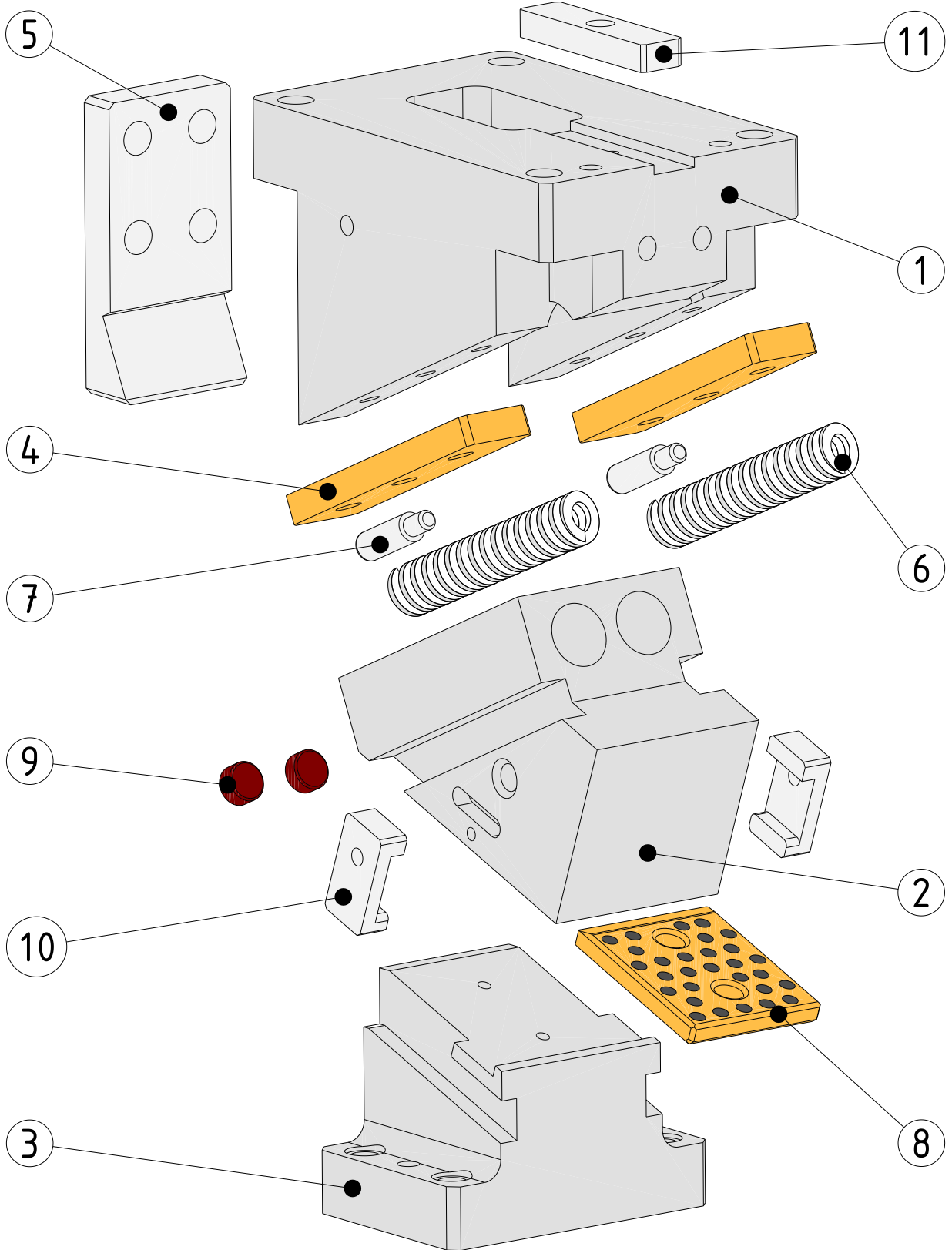
Sipariş Örneği / Order No

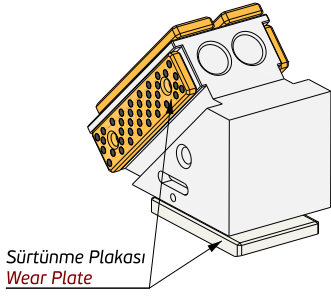
Kam Kodu Cam Code	Sürücü Genişliği Slider Width (mm)	Çalışma Açısı Work Angle (°)	Opsiyon Kodu / Option Code			
	(G)	(A)	Sürtünme Plakası Wear Plate	Gazlı Yay Gas Spring	Pim Deliği Dowel Pin	----
AKSOUK - 100 - 00						
AKSOUK - 100 - 20 - P - GY						
AKSOUK - 100 - 30 - P - GY - F13						

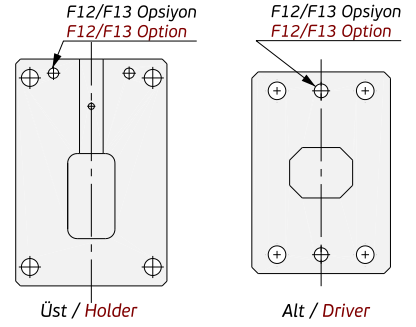
AKSOUK-100 Şartname / Specifications

Çalışma Yüzeyi / Mounting Surface (mm)	Çalışma Açısı Work Angle (°)	Kam Kursu/Cam Travel (Stroke mm)	Çalışma Kuvveti Working Force	Yay Kuvveti Spring Force	Gazlı Yay Kuvveti Gas Spring Force Opsiyon/Option
(G)	(Gh)	(A)	(S)		
	100	00	28,3		2958 N (302 kgf)
	140	05	28,4		
	100	10	33,3		3228 N (329 kgf)
	140	15	33,9		
	100	20	30,9		
	140	25	32,0		
	120	30	33,5		
100	140	35	35,4		5076 N (518 kgf)
	120	40	39,0		
		45	42,3		
		50	46,7		
		55	52,3		
	140	60	60,0		
		65	47,3		
		70	58,5		



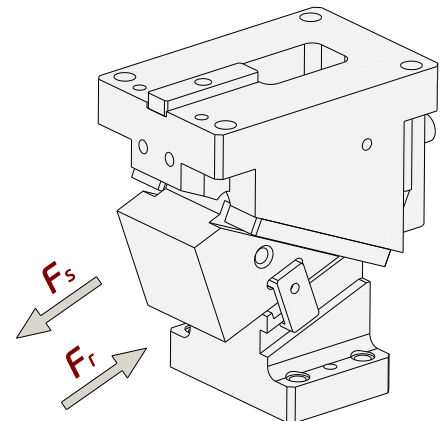
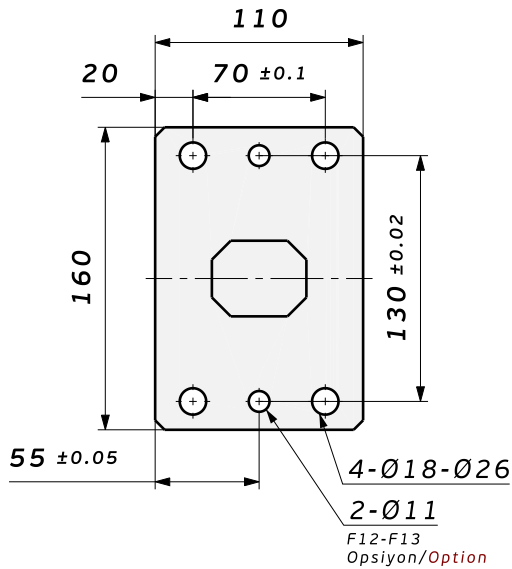
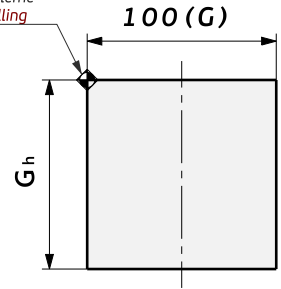
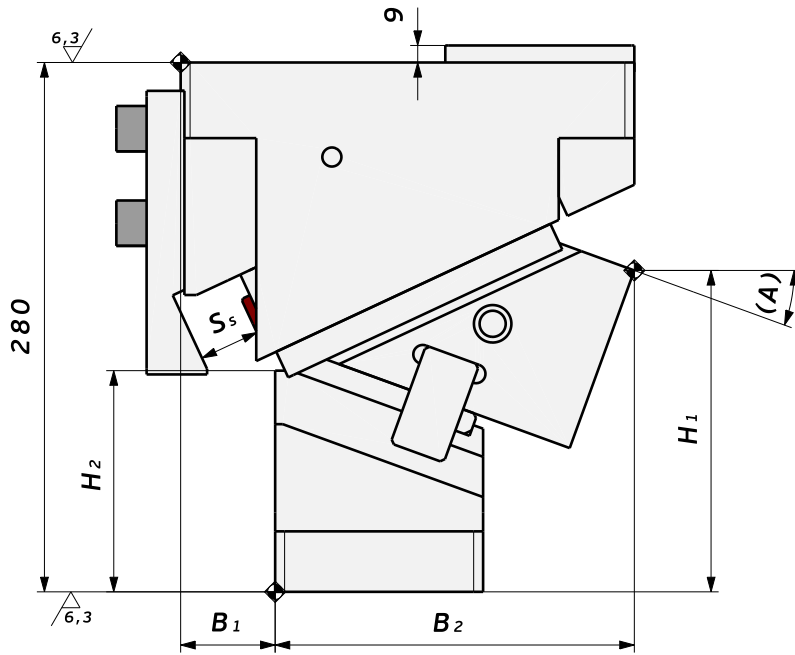
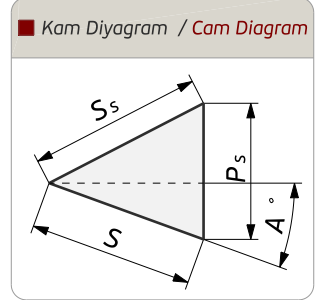
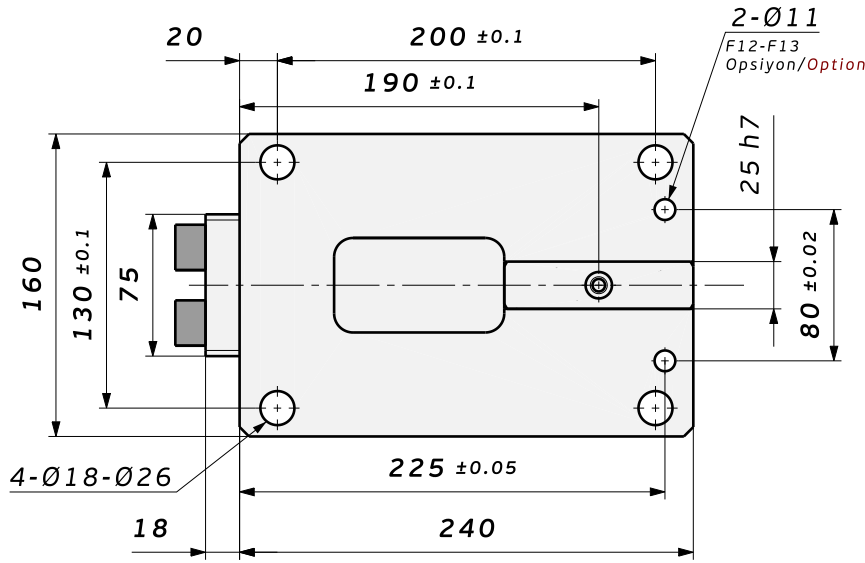


P Opsiyonu / P Option

GY Opsiyonu / GY Option
1x

F12/F13 Opsiyonu / F12/F13 Option


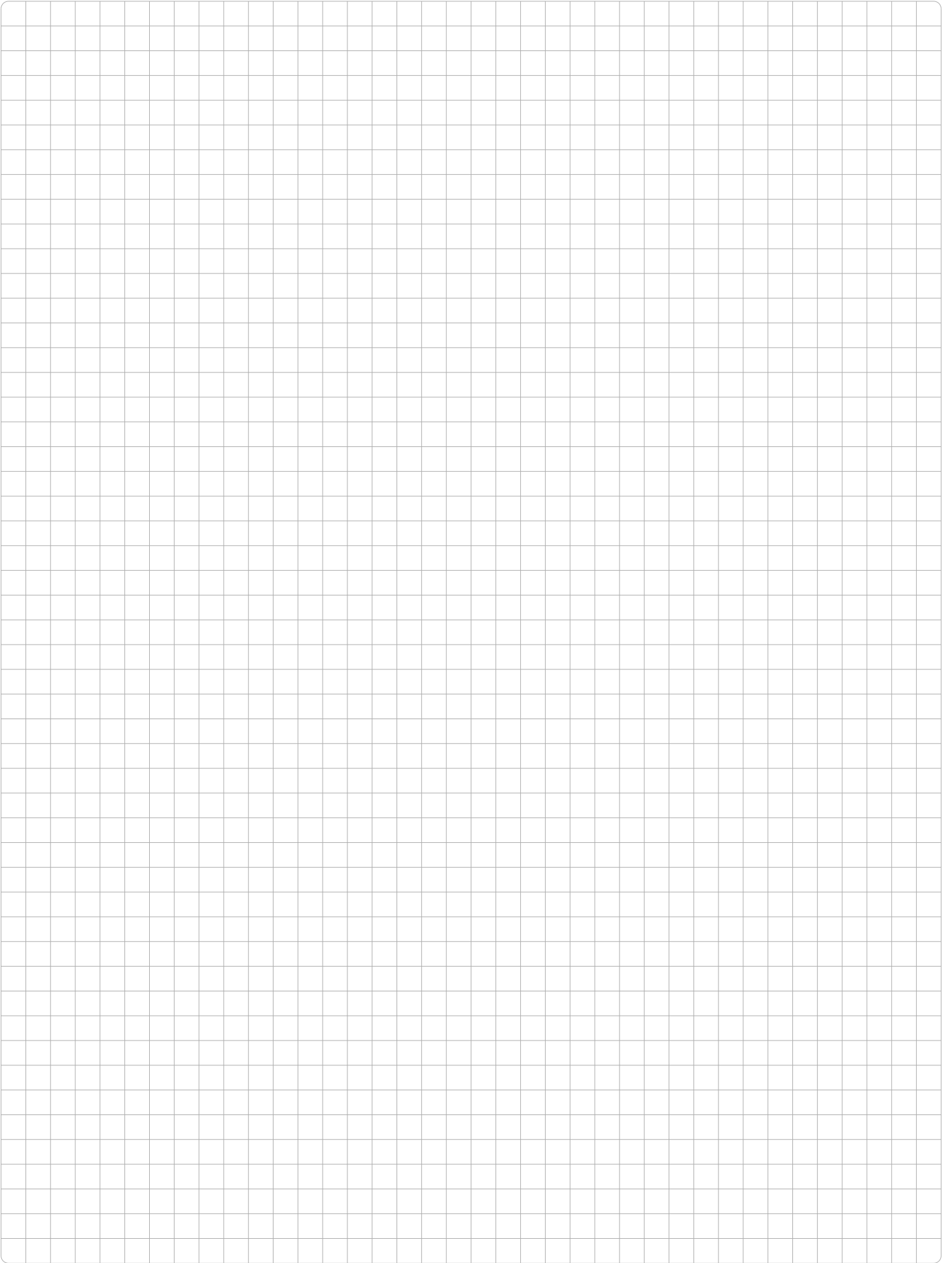
Parça No Part Number	Açıklama / Description	Malzeme Material	Adet Quantity
1	Üst Gövde / Cam Holder	GGG60	1
2	Sürücü / Cam Slider	GGG60	1
3	Alt Gövde / Cam Driver	GGG60	1
4	Üst Yan Kapak / Upper Plate	SAE 430B	2
5	Arka Kapak / Stopper Plate	CK45	1
6	Çelik Yay / Coil Spring	----	2
7	Yay Pimi / Spring Pin	Ç1050	2
8	Alt Plaka / Driver Wear Plate	SAE 430B	1
9	Vulkollan / Stopper	Urethane	2
10	Yan Kol / Positive Return	1.2312	2
11	Kilit / Key (KM07-25-100)	CK45	1

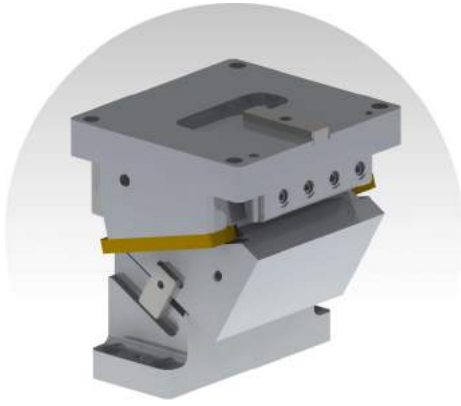




	Kod / Code	(G)	(A)	Opsiyon/Option
ORDER	AKSOUK	100	40	P - GY - F13

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)							
	A	S	Ps	Ss	H ₁	H ₂	B ₁	B ₂	Gh
	00	28,3	28,3		195,0	95,0		180,0	100
	05	28,4	30,8	40	206,2	81,1	60	176,9	140
	10	33,3	28,7		190,0	120,2		180,0	100
	15	33,9	31,7		198,5	105,6		194,4	140
	20	30,9	24,1	32	170,0	130,0	50	190,0	100
	25	32,0	27,0		177,4	113,0		203,3	140
	30	33,5	24,5		170,0	150,0		210,0	120
AKSOUK-100	35	35,4	28,1		170,3	140,0	30	222,3	140
	40	39,0	27,7		165,0	160,0		210,0	120
	45	42,3	32,5	30	165,3	155,0		217,4	
	50	46,7	35,8		160,0	160,0	10	230,0	
	55	52,3	42,8			170,0			140
	60	60,0	52,0		135,0		0	240,0	
	65	47,3	42,9	20		180,0			
	70	58,5	54,9						

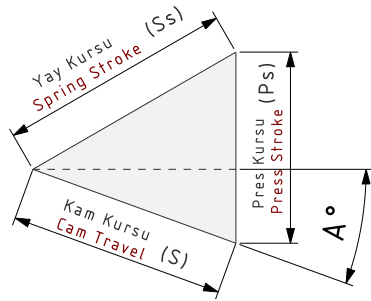




AKSOUK-200 Bilgilendirme / Information

- Çalışma Kuvveti / **Working Force** : (300.000 Baskı/Stroke) 196kN (20tonf)
- Sürücü genişliği / **Slider width** : 200mm
- Çalışma Açısı / **Work Angle** : 0°~70°
- Gazlı Yay Opsiyon / **Gas Spring Option** : GY
- Sürtünme Plakası Opsiyonu / **Wear Plate Option** : P
- Pim Deliği Ø12-Ø13-Ø16H7 (Opsiyon) / **Dowel Pin Ø12-Ø13-Ø16H7 (Option)**
- Sipariş Örneği / **Order No** : AKSOUK-200-15-P-GY-F13

Kam Diyagram / Cam Diagram



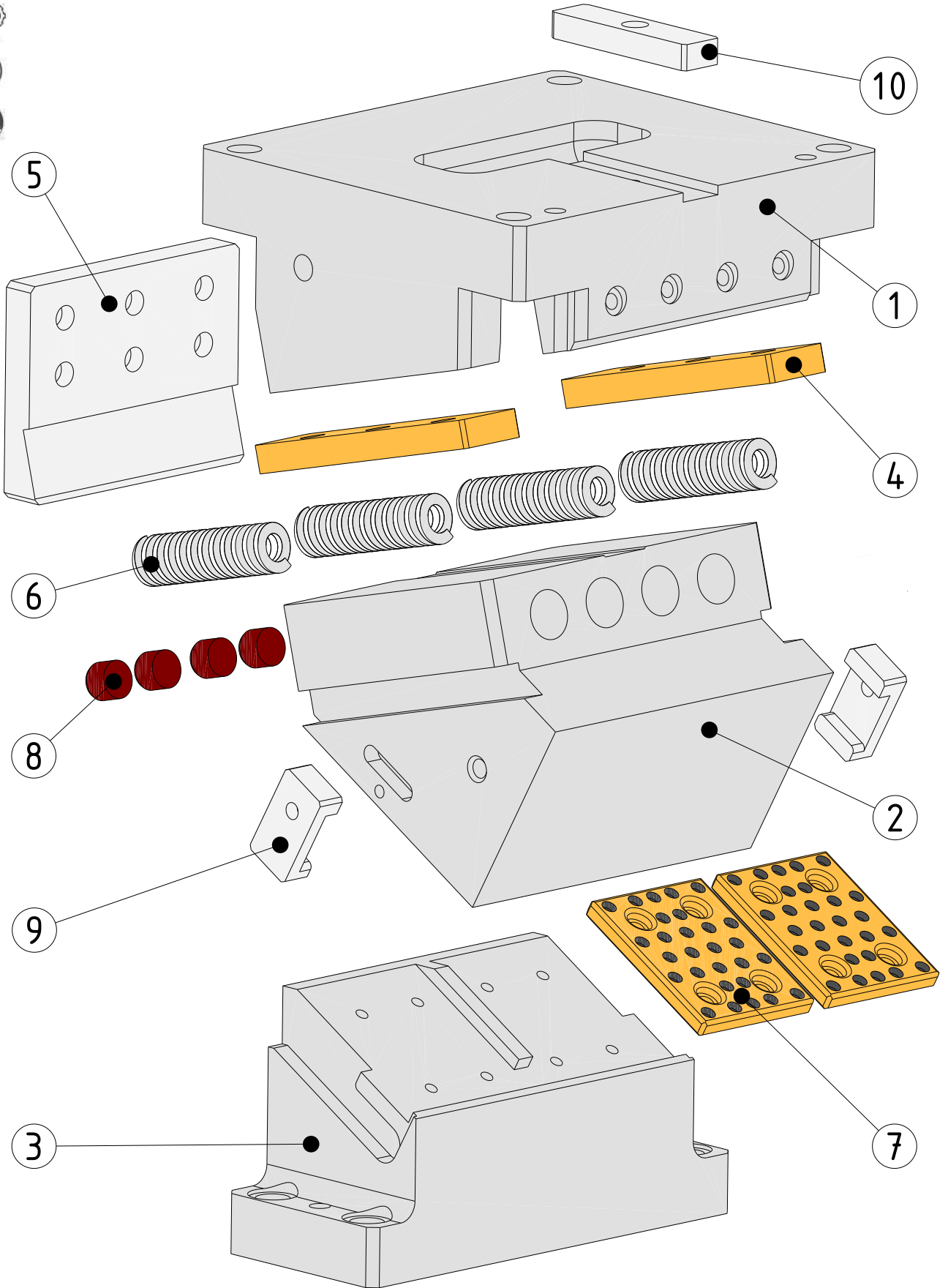
Sipariş Örneği / Order No

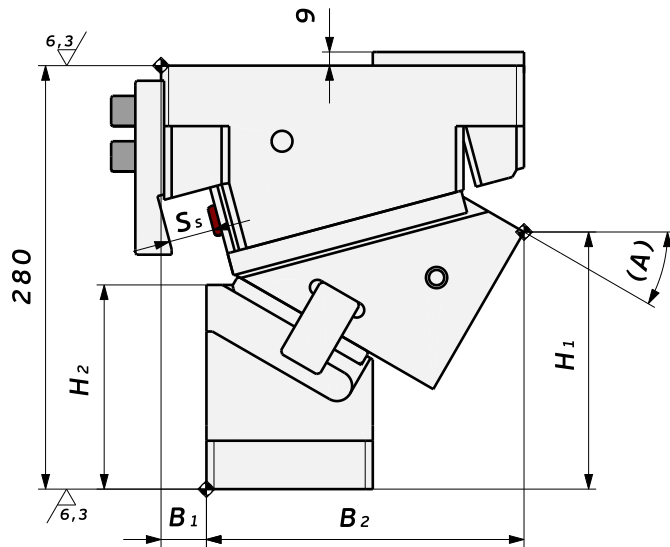
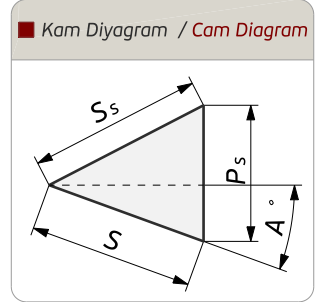
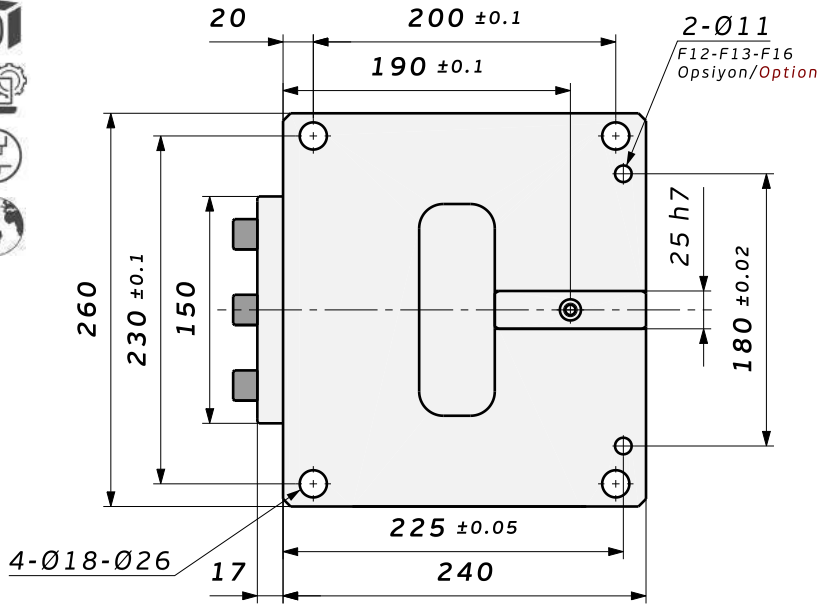
Kam Kodu Cam Code	Sürücü Genişliği Slider Width (mm)	Çalışma Açısı Work Angle (°)	Opsiyon Kodu / Option Code			
(G)	(A)		Sürtünme Plakası Wear Plate	Gazlı Yay Gas Spring	Pim Deliği Dowel Pin	----
AKSOUK - 200 - 00						
AKSOUK - 200 - 25 - P - GY						
AKSOUK - 200 - 40 - P - GY - F16						

AKSOUK-200 Şartname / Specifications

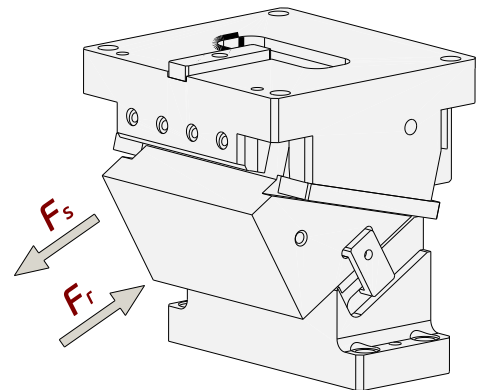
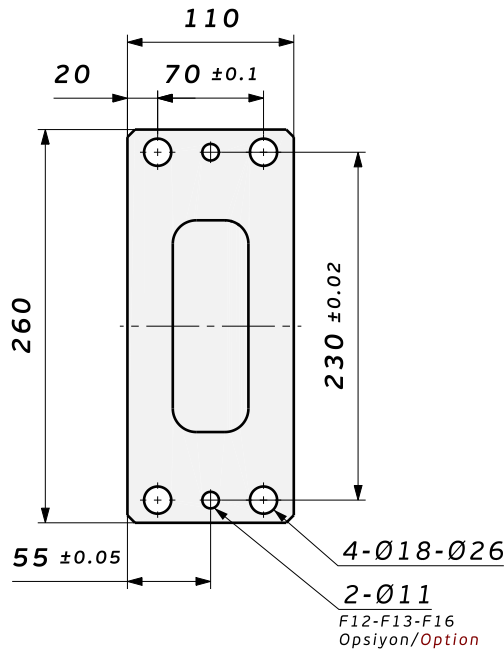
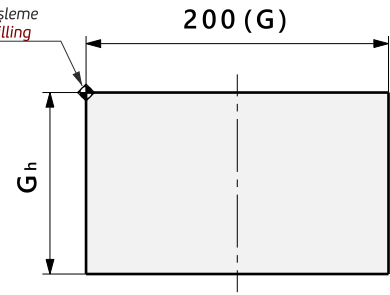
Çalışma Yüzeyi / Mounting Surface (mm)	Çalışma Açısı / Work Angle (°)	Kam Kursu/Cam Travel (Stroke mm)	Çalışma Kuvveti / Working Force	Yay Kuvveti / Spring Force	Gazlı Yay Kuvveti / Gas Spring Force Opsiyon/Option
(G)	(Gh)	(A)	(S)		
200	100	00	28,3		5915 N (603 kgf)
	130	05	28,4		
	100	10	33,3		6456 N (659 kgf)
	130	15	33,9		
	100	20	30,9	300.000 Baskı/Stroke 196,0 kN (20,0 tonf)	6254 N (638 kgf)
	130	25	32,0		
	120	30	33,5		
	140	35	35,4		11074 N (1130 kgf)
	120	40	39,0	1.000.000 Baskı/Stroke 98,0 kN (10,0 tonf)	
		45	42,3		5886 N (600 kgf)
		50	46,7		
	140	55	52,3		
		60	60,0		
		65	47,3		
		70	58,5		5754 N (587 kgf)







X,Y=0
Sürücü İşleme
Slider Milling



	Kod / Code	(G)	(A)	Opsiyon/Option
ORDER	AKSOUK	200	60	P - GY - F16

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)							
	A	S	Ps	Ss	H₁	H₂	B₁	B₂	Gh
	00	28,3	28,3		190,0	95,0		180,0	100
	05	28,4	30,8	40	201,2	81,1	60	176,9	130
	10	33,3	28,7		190,0	120,2		180,0	100
	15	33,9	31,7		198,5	105,6		194,4	130
	20	30,9	24,1	32	170,0	130,0	50	190,0	100
	25	32,0	27,0		177,4	113,0		203,3	130
	30	33,5	24,5		170,0	150,0		210,0	120
AKSOUK-200	35	35,4	28,1		170,3	140,0	30	222,3	140
	40	39,0	27,7		165,0	160,0		210,0	120
	45	42,3	32,5	30	165,3	155,0		217,4	
	50	46,7	35,8		160,0	160,0	10	230,0	
	55	52,3	42,8			170,0			140
	60	60,0	52,0		135,0		0	240,0	
	65	47,3	42,9	20		180,0			
	70	58,5	54,9						

standart
KALIP



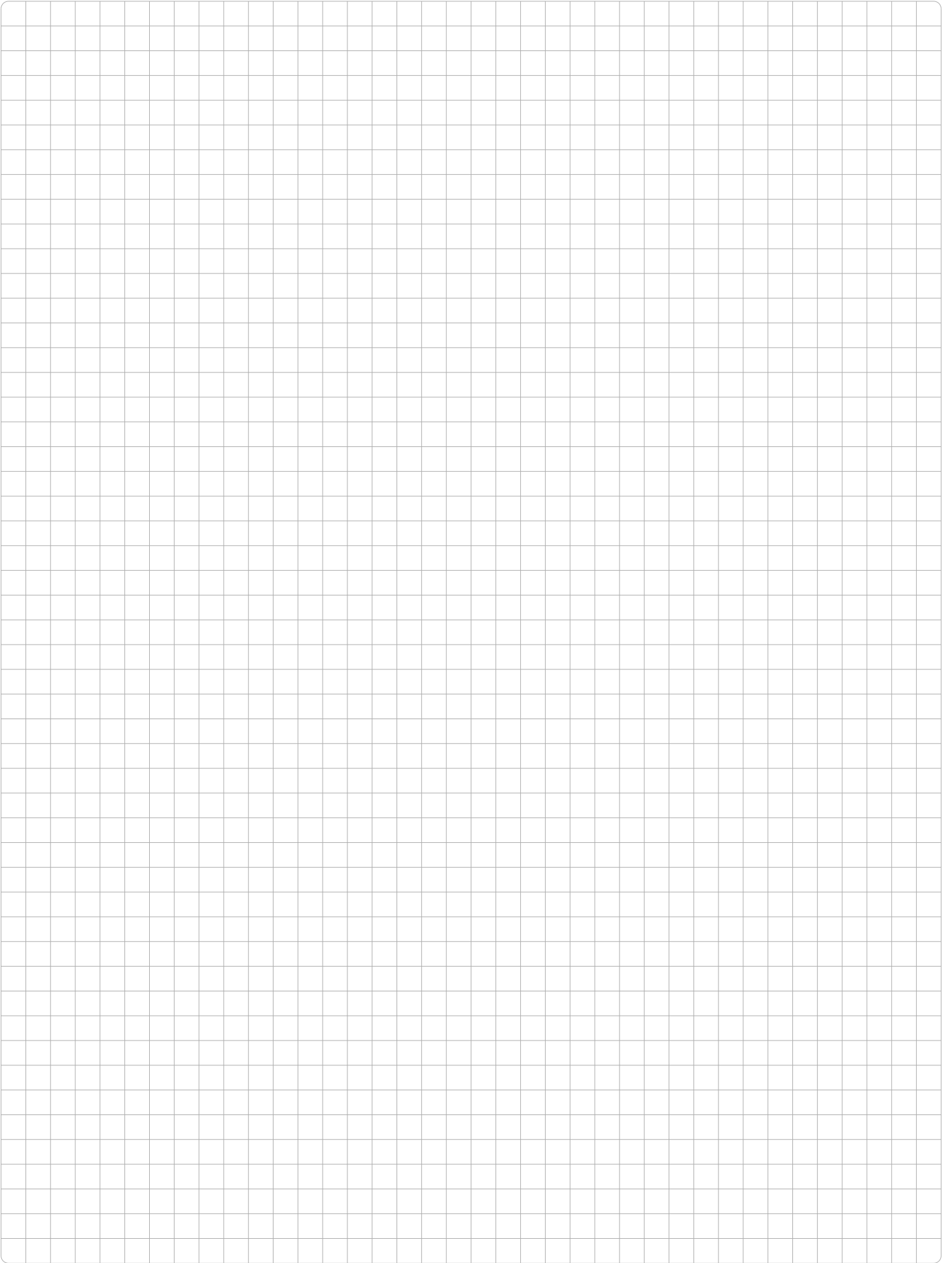
RENAULT



ACKBK
ACKBU

Kam Kodu Cam Code	Sürücü Geniřlięi Slider Width (mm)	Çalıřma Açısı Work Angle (°)	Kapalı Yükseklik Closed Height (mm)	Kam Kursu Cam Travel (mm)	Çalıřma Kuvveti Working Force kN (tonf)		Geri Çekme Kuvveti Return Force N (kgf)	
					300.000 Baskı/Stroke	1.000.000 Baskı/Stroke	Çelik Yay Coil Spring	Gazlı Yay Gas Spring
	(G)	(A)	(H)	(S)	(Fs)		(Fr)	

ACKBK-46	46	0°~80°	150~170	20~63	29,4 (3,0)	14,7 (1,5)	1360 (138)~ 3068 (313)	
ACKBU-46	46	0°~50°	150	29~50	29,4 (3,0)	14,7 (1,5)	1450 (147)~ 1557 (158)	

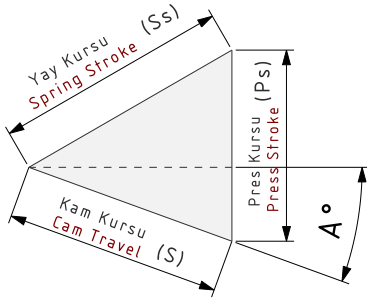




ACKBK-46 Bilgilendirme / Information

- Çalışma Kuvveti / **Working Force** : (300.000 Baskı/Stroke) 29,4kN (3,0tonf)
- Sürücü genişliği / **Slider width** : 46mm
- Çalışma Açısı / **Work Angle** : 0°~80°
- SU Opsiyonu / **SU Option** : 1~60 mm
- Sipariş Örneği / **Order No** : ACKBK-46-10-SU30

Kam Diyagram / Cam Diagram



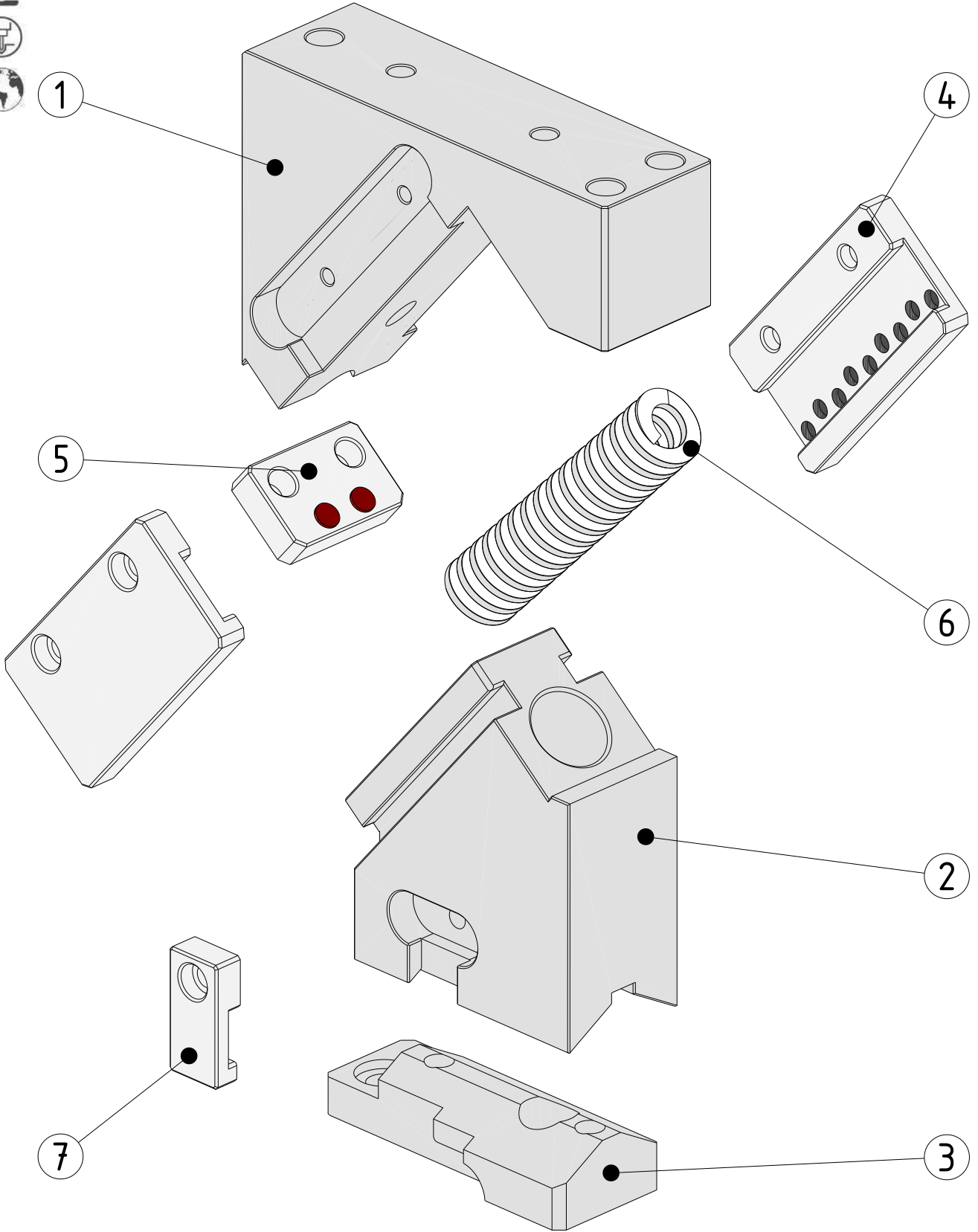
Sipariş Örneği / Order No

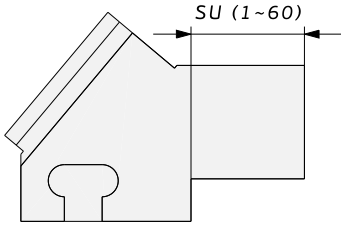
Kam Kodu Cam Code	Sürücü Genişliği Slider Width (mm)	Çalışma Açısı Work Angle (°)	Opsiyon Kodu / Option Code			
	(G)	(A)	Sürücü Uzunluğu Slider Length	----	----	----
ACKBK - 46 - 00						
ACKBK - 46 - 10 - SU40						

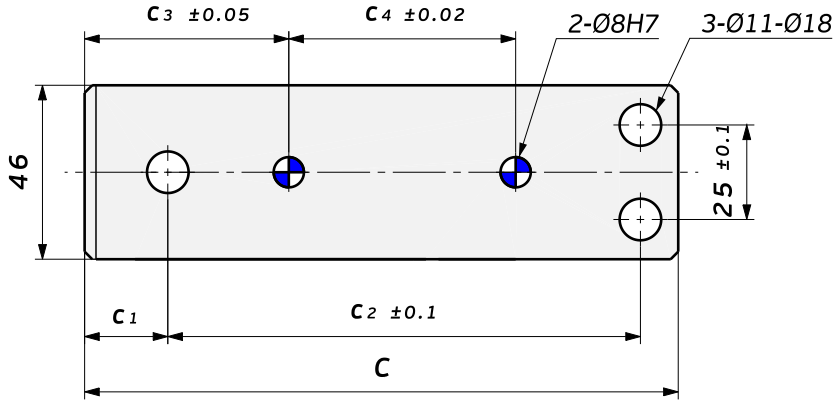
ACKBK-46 Şartname / Specifications

Çalışma Yüzeyi / Mounting Surface (mm)	Çalışma Açısı Work Angle (°)	Kam Kursu/Cam Travel (Stroke mm)	Çalışma Kuvveti Working Force	Yay Kuvveti Spring Force	Gazlı Yay Kuvveti Gas Spring Force Opsiyon/Option
(G)	(Gh)	(S)			
		00		1542 N (157 kgf)	
		05			
		10		1539 N (156 kgf)	
		15		1376 N (140 kgf)	
		20		1374 N (140 kgf)	
	68,5	25	300.000 Baskı/Stroke 29,4 kN (3,0 tonf)	1372 N (139 kgf)	
		30		1369 N (139 kgf)	
		35		1367 N (139 kgf)	
46		40	1.000.000 Baskı/Stroke 14,7 kN (1,5 tonf)	1365 N (139 kgf)	
		45		1362 N (138 kgf)	
		50		1360 N (138 kgf)	
	83,5	55		1515 N (154 kgf)	
		60		1627 N (165 kgf)	
	75	65		1837 N (187 kgf)	
		70		2096 N (213 kgf)	
		75		2504 N (255 kgf)	
	80	80		3068 N (313 kgf)	

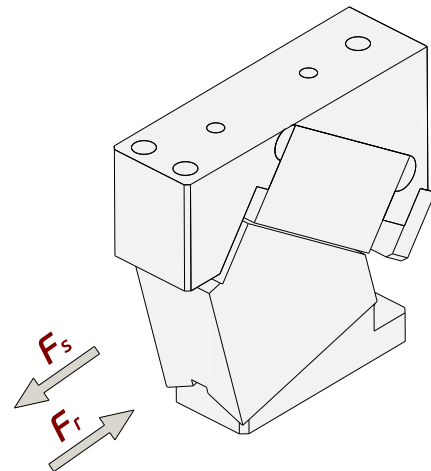
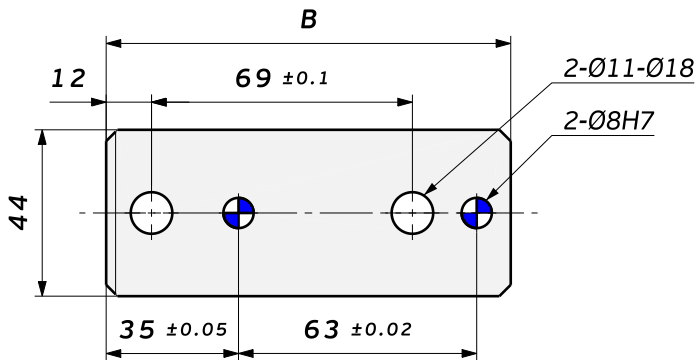
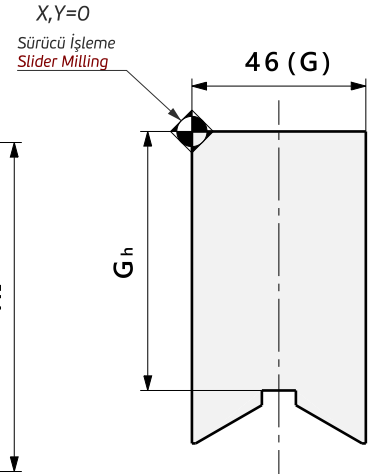
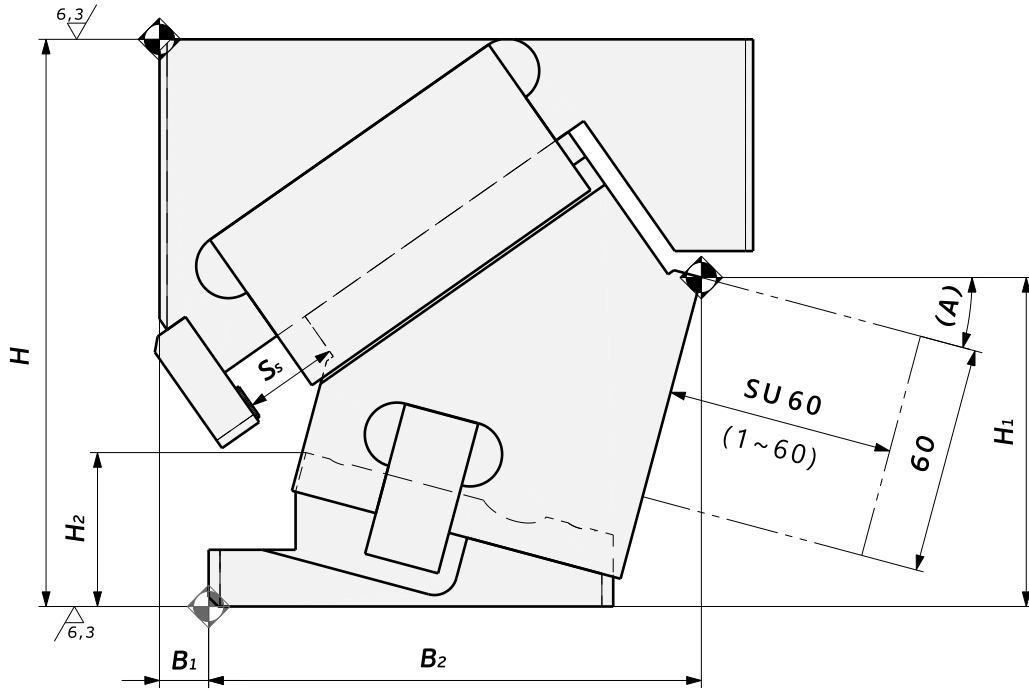
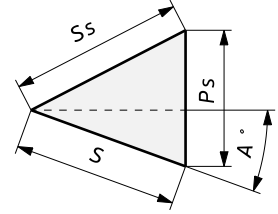




[illegible]



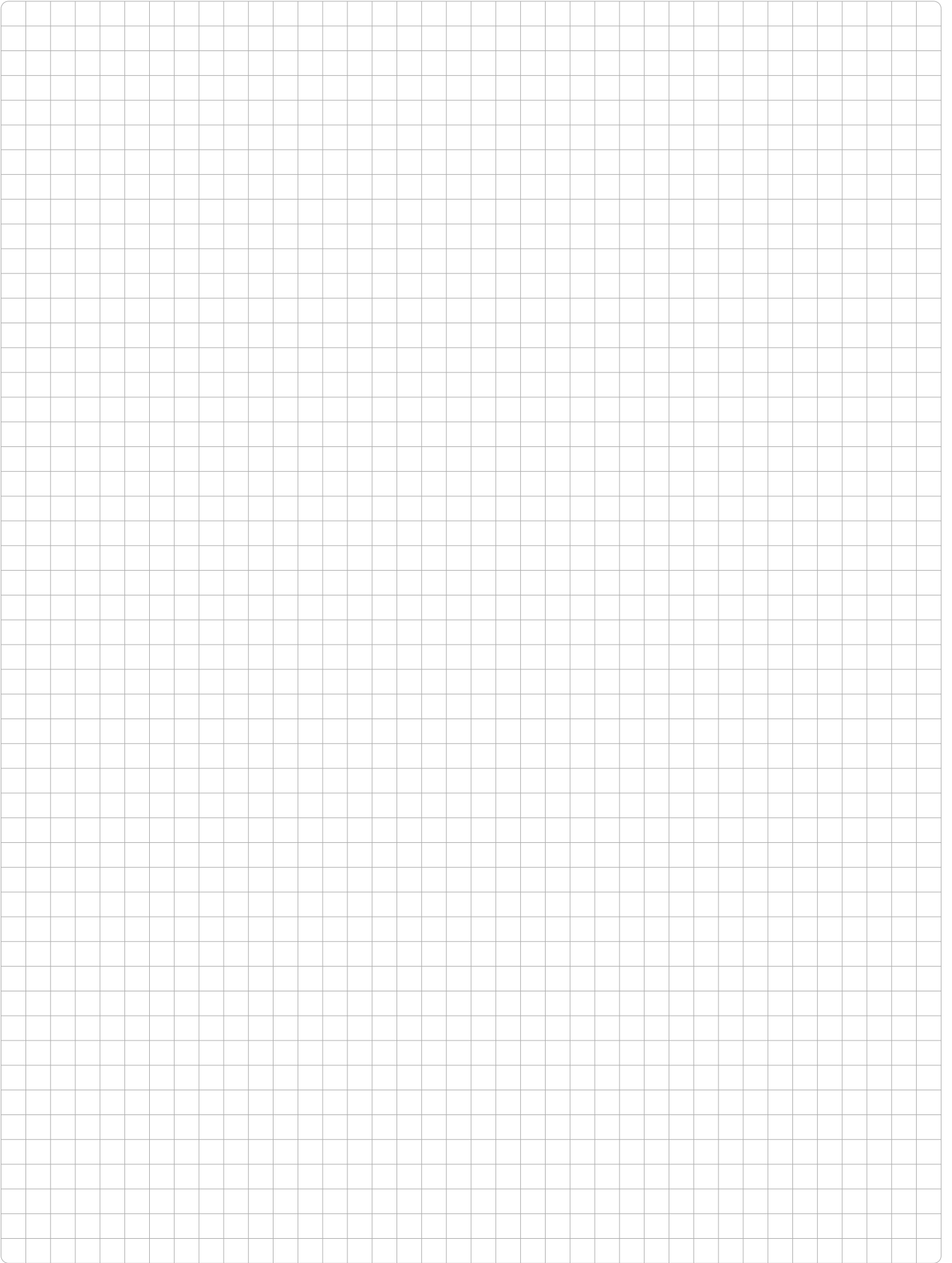
Kam Diyagramı / Cam Diagram



	Kod / Code	(G)	(A)	Opsiyon/Option
ORDER	ACKBK	46	25	SU40

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)							
	A	S	Ps	Ss	H	H ₁	H ₂	B ₁	B ₂
	00	20,6	24,5	32		97,0	25,0	26	112,0
	05		22,3	29		93,6	29,0	22	118,9
	10	21,0	21,0	27		90,2	34,4	18	124,7
	15	21,2	19,8	25		87,0	40,7	13	130,3
	20	22,1	19,6	24		83,9	46,3	7	135,9
	25	23,0	19,4		150	80,9	53,0	0	142,3
	30	25,0	20,3			78,1	59,9	-7	140,7
ACKBK-46	35	27,1	21,5	23		75,4	67,3	-14	137,4
	40	29,6	23,0			71,9	74,6	-21	135,3
	45	32,4	24,9			68,5	80,6	-33	127,5
	50	35,8	27,4			61,3	83,2	-40	123,7
	55	45,3	37,1	26	160	62,2	85,0	-43	138,2
	60	46,0	39,8	23	165	58,2	88,0	-48	134,8
	65	47,3	42,9	20		61,3		-77	132,2
	70	52,6	49,5	18	170	59,5	90,0	-83	129,4
	75	54,1	52,2	14		57,6	93,0	-93	128,4
	80	63,3	62,4	11		56,6		-104	127,8

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)						
	A	B	C	C ₁	C ₂	C ₃	C ₄	G _h
	00		153	13		45		
	05		157	17	130	49		
	10		160	20		52		
	15		157	22		54		
	20					55	60	
	25		158	23	125			68,5
	30	107				58		
ACKBK-46	35		155					
	40			20				
	45		150			61		
	50							
	55							83,5
	60				120		55	
	65	123	160	30		71		
	70							75
	75	120						
	80							

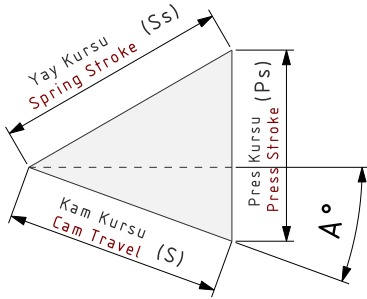




■ ACKBU-46 Bilgilendirme / **Information**

- Çalışma Kuvveti / **Working Force** : (300.000 Baskı/Stroke) 29,4kN (3,0tonf)
- Sürücü genişliği / **Slider width** : 46mm
- Çalışma Açısı / **Work Angle** : 0°~50°
- SU Opsiyonu / **SU Option** : 1~60 mm
- Sipariş Örneği / **Order No** : ACKBU-46-20-SU60

■ Kam Diyagram / **Cam Diagram**



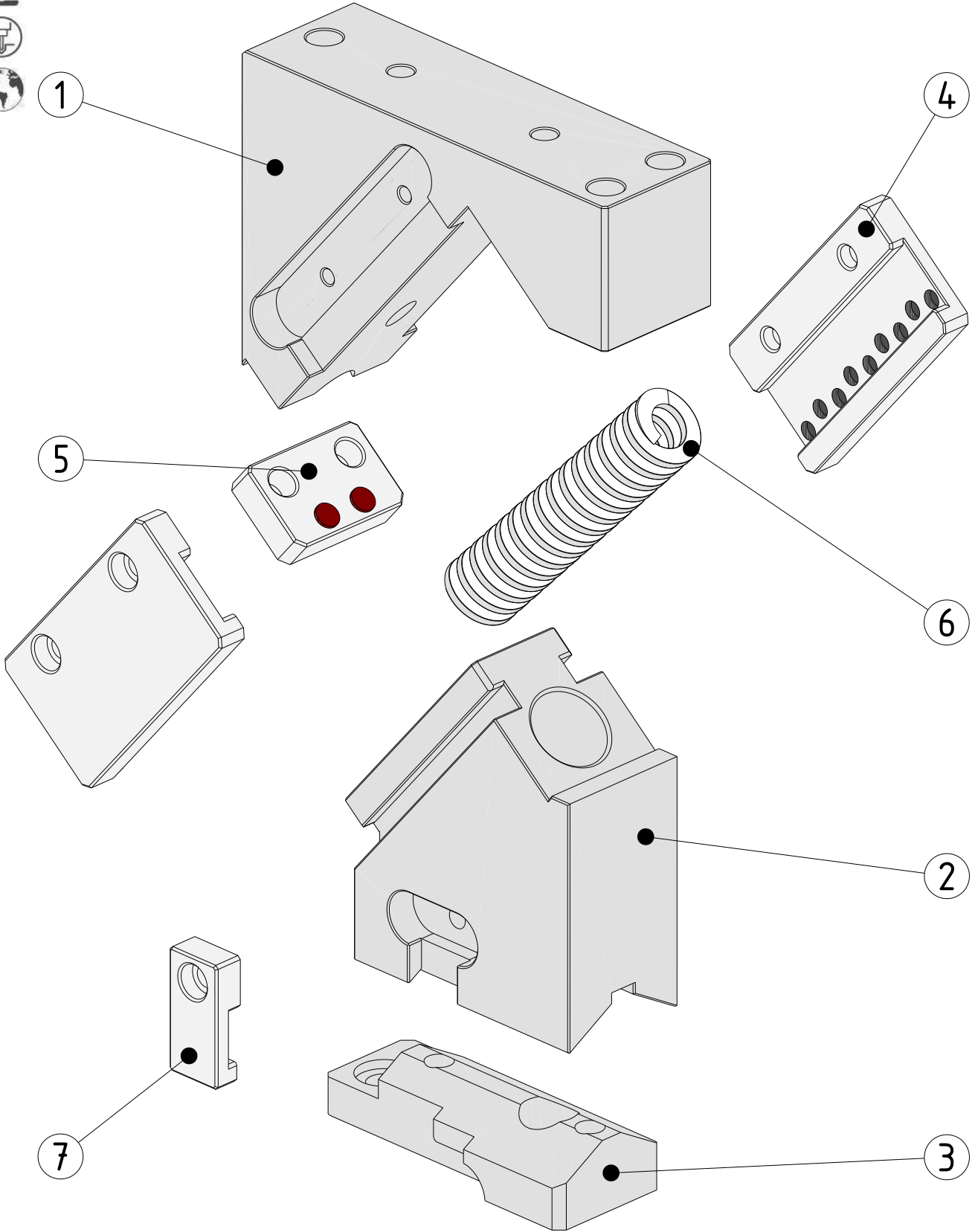
■ Sipariş Örneği / **Order No**

Kam Kodu Cam Code	Sürücü Genişliği Slider Width (mm)	Çalışma Açısı Work Angle (°)	Opsiyon Kodu / Option Code			
	(G)	(A)	Sürücü Uzunluğu Slider Length	----	----	----
ACKBU - 46 - 00						
ACKBU - 46 - 15 - SU40						

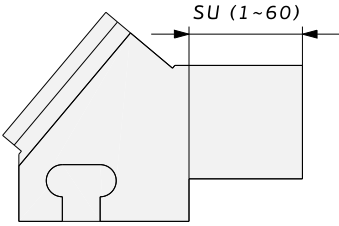
■ ACKBU-46 Şartname / **Specifications**

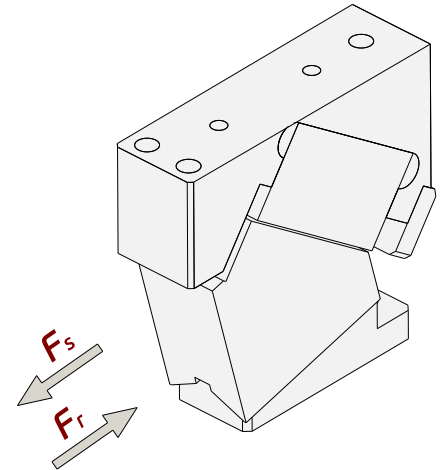
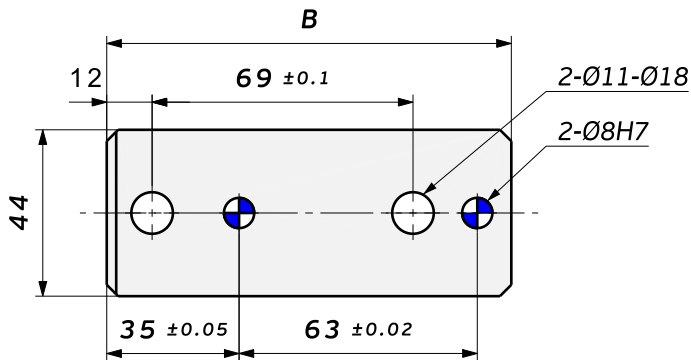
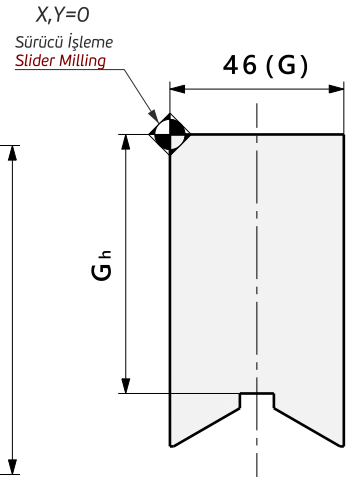
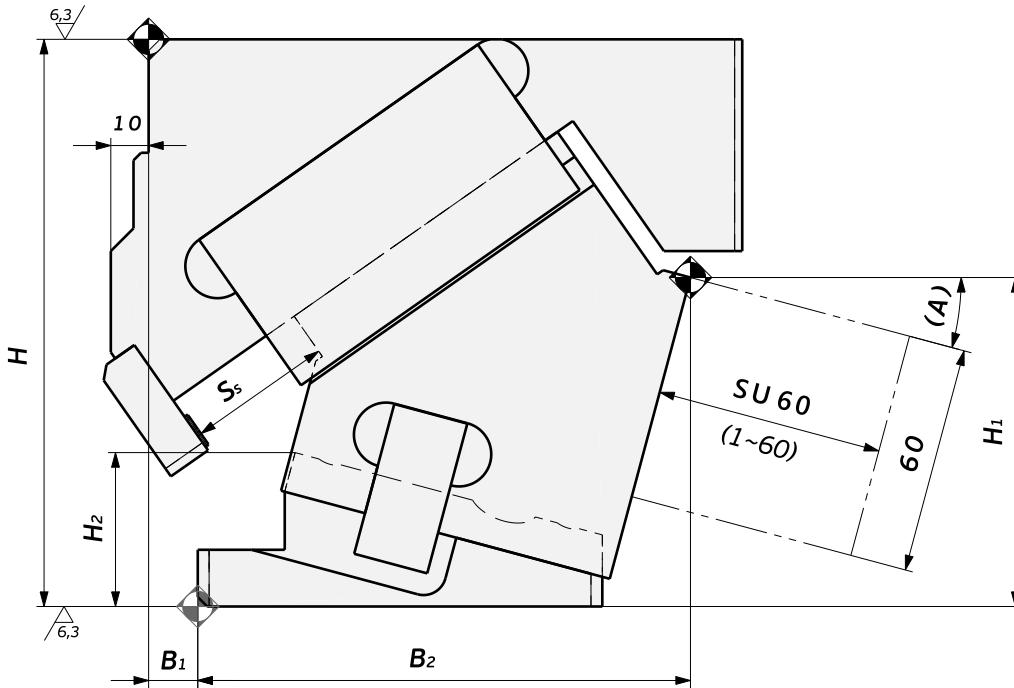
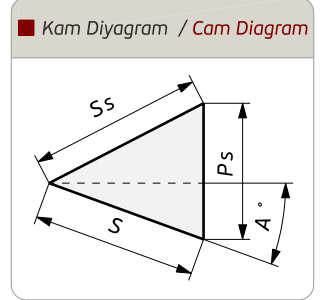
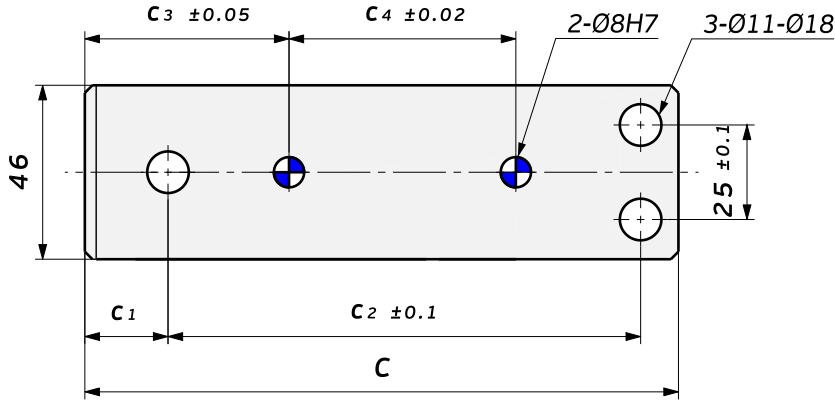
Çalışma Yüzeyi / Mounting Surface (mm)	Çalışma Açısı Work Angle (°)	Kam Kursu/Cam Travel (Stroke mm)	Çalışma Kuvveti Working Force	Yay Kuvveti Spring Force	Gazlı Yay Kuvveti Gas Spring Force Opsiyon/Option
(G)	(Gh)	(A)	(S)		
		00	28,9		1557 N (158 kgf)
		05	30,5		1555 N (158 kgf)
		10	31,1		1553 N (158 kgf)
		15	32,2		1466 N (149 kgf)
		20	34,1		1464 N (149 kgf)
46	68,5	25	36,0		1462 N (149 kgf)
		30	38,0		1460 N (148 kgf)
		35	40,1		1457 N (148 kgf)
		40	42,4		1455 N (148 kgf)
		45	46,5		1453 N (148 kgf)
		50	49,8		1450 N (147 kgf)





■ *SU Opsiyonu / SU Option*

[illegible]

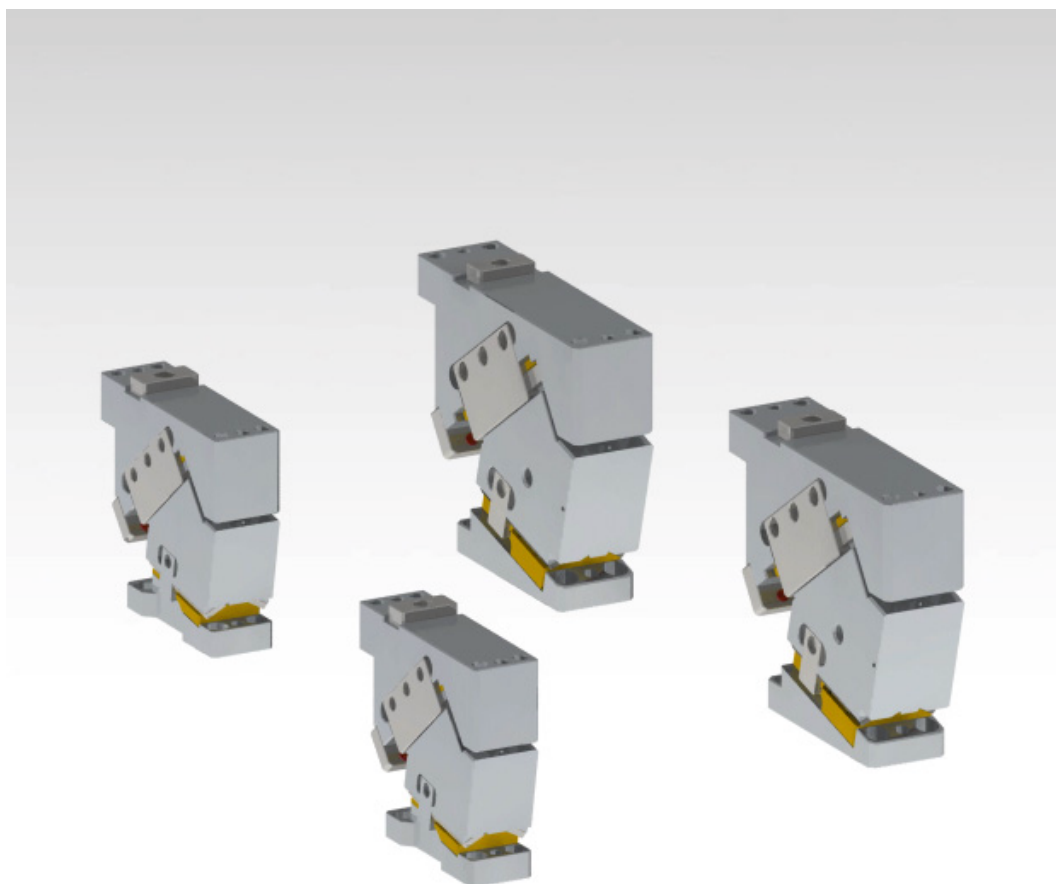


	Kod / Code	(G)	(A)	Opsiyon/Option
ORDER	ACKBU	46	15	SU60

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)							
	A	S	Ps	Ss	H	H ₁	H ₂	B ₁	B ₂
	00	28,9	34,5	45		97,0	25,0	26	112,0
	05	30,5	33,1	43		93,6	29,0	22	118,9
	10	31,1	31,1	40		90,2	34,4	18	124,7
	15	32,2	30,1	38		87,0	40,7	13	130,3
	20	34,1	30,2	37		83,9	46,3	7	135,9
ACKBU-46	25	36,0	30,4	36	150	80,9	53,0	0	142,3
	30	38,0	31,0	35		78,1	59,9	-7	140,7
	35	40,1	31,8	34		75,4	67,3	-4	147,1
	40	42,4	33,0	33		71,9	74,6	-11	145,3
	45	46,5	35,8			68,5	80,6	-23	137,5
	50	49,8	38,1	32		61,3	83,2	-30	133,7

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)						
	A	B	C	C ₁	C ₂	C ₃	C ₄	G _h
	00		153	13		45		
	05		157	17	130	49		
	10		160	20		52		
	15		157	22		54		
	20					55	60	
ACKBU-46	25	107	158	23	125			68,5
	30					58		
	35					68		
	40		165					
	45			30				
	50		160		120	71	55	

standart **KALIP**



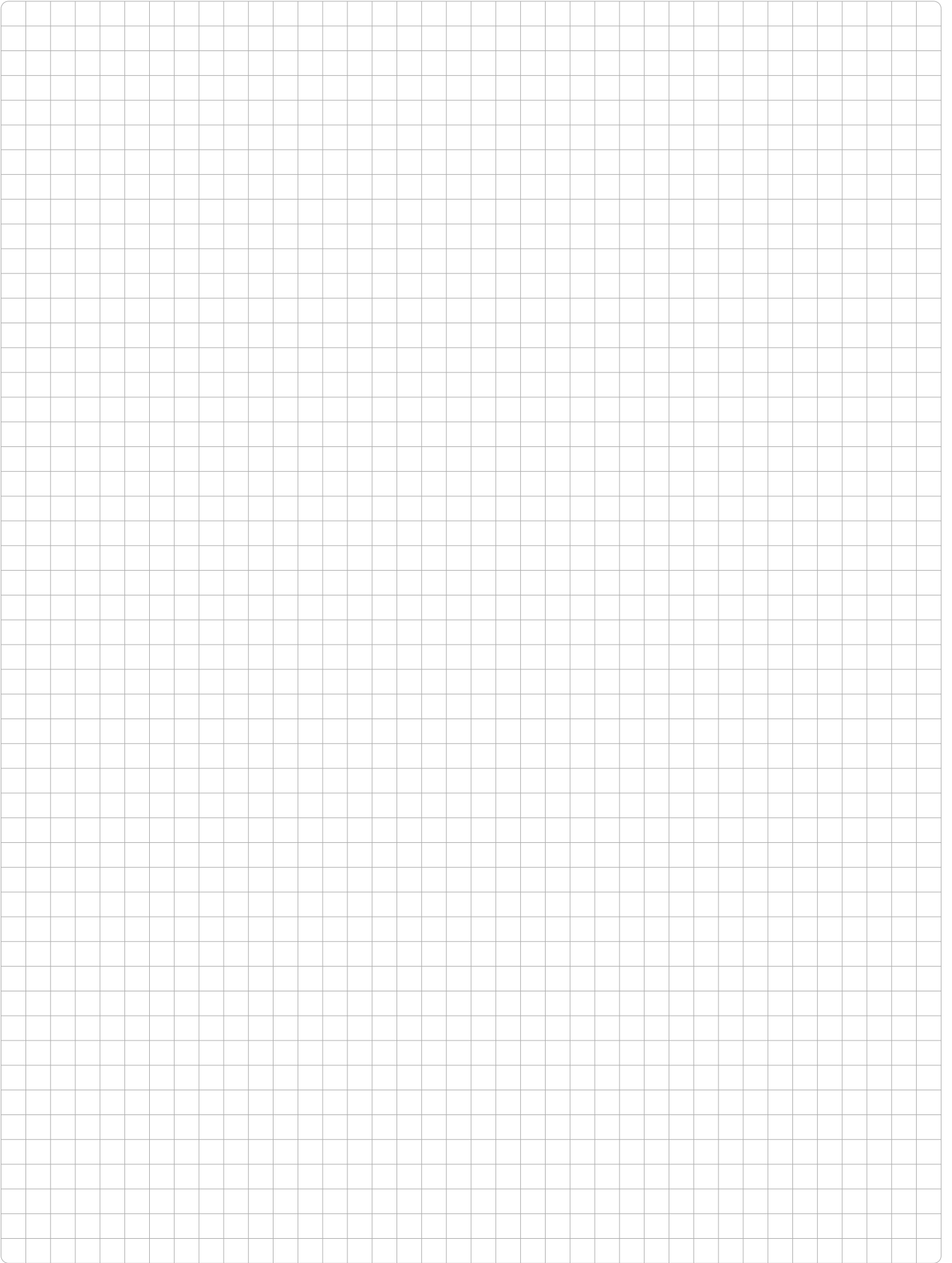
RENAULT



ACKSK **ACKSU**

Kam Kodu Cam Code	Sürücü Geniřlięi Slider Width (mm)	Çalıřma Açısı Work Angle (°)	Kapalı Yükseklik Closed Height (mm)	Kam Kursu Cam Travel (mm)	Çalıřma Kuvveti Working Force kN (tonf)		Geri Çekme Kuvveti Return Force N (kgf)	
					300.000 Baskı/Stroke	1.000.000 Baskı/Stroke	Çelik Yay Coil Spring	Gazlı Yay Gas Spring
	(G)	(A)	(H)	(S)	(Fs)		(Fr)	

ACKSK-58	58	0°~80°	185~215	21~69	68,6 (7,0)	34,3 (3,5)		4492 (458)~ 5064 (516)
ACKSU-58	58	0°~50°	185~190	29~62	68,6 (7,0)	34,3 (3,5)		6404 (653)~ 6715 (685)
ACKSK-72	72	0°~80°	230~255	22~76	90,2 (9,2)	45,1 (4,6)		9168 (935)~ 20426 (2084)
ACKSU-72	72	0°~50°	230~235	35~78	90,2 (9,2)	45,1 (4,6)		8947 (912)~ 9782 (997)

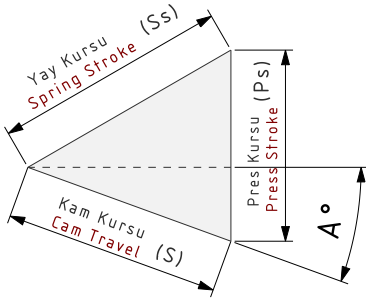




ACKSK-58 Bilgilendirme / Information

- Çalışma Kuvveti / **Working Force** : (300.000 Baskı/Stroke) 68,6kN (7,0tonf)
- Sürücü genişliği / **Slider width** : 58mm
- Çalışma Açısı / **Work Angle** : 0°~80°
- SU Opsiyonu / **SU Option** : 1~60 mm
- SG Opsiyonu / **SG Option** : 59~65 mm
- Sipariş Örneği / **Order No** : ACKSK-58-10-SU25

Kam Diyagram / Cam Diagram



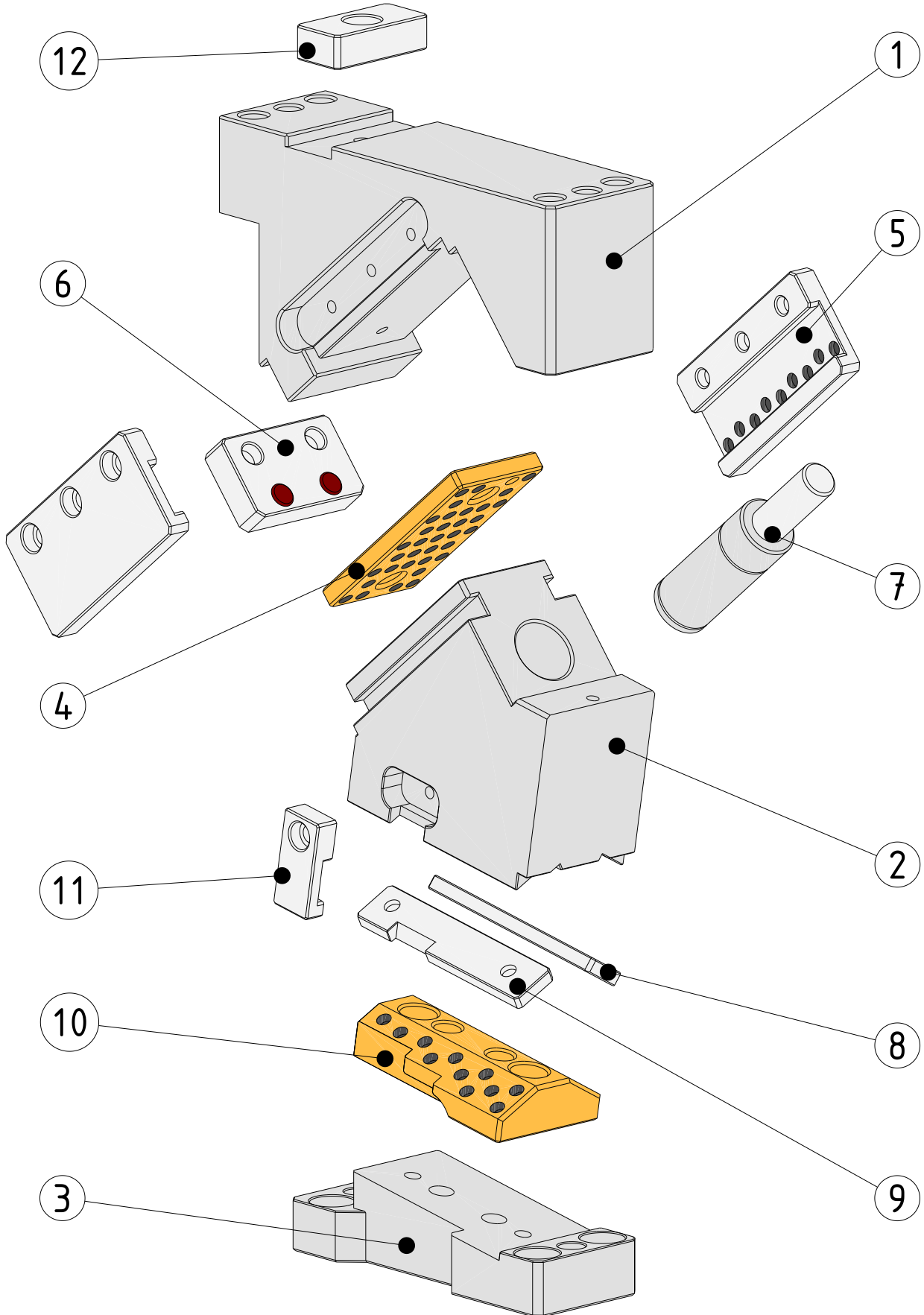
Sipariş Örneği / Order No

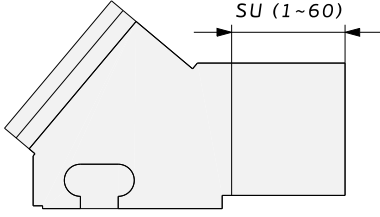
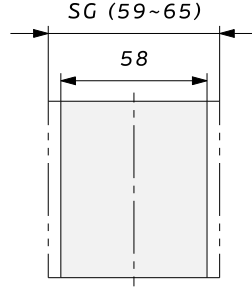
Kam Kodu Cam Code	Sürücü Genişliği Slider Width (mm)	Çalışma Açısı Work Angle (°)	Opsiyon Kodu / Option Code			
	(G)	(A)	Sürücü Uzunluğu Slider Length	Sürücü Genişliği Slider Width	----	----
ACKSK - 58 - 00						
ACKSK - 58 - 10 - SU50						
ACKSK - 58 - 15 - SU30 - SG60						

ACKSK-58 Şartname / Specifications

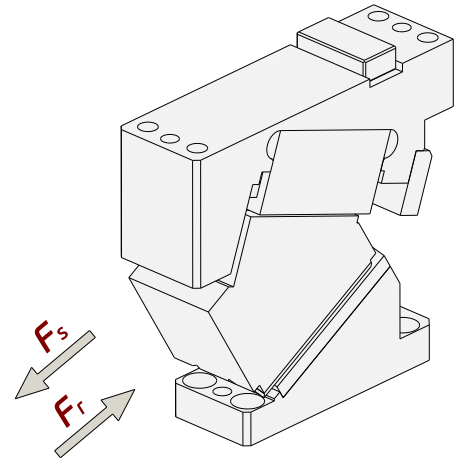
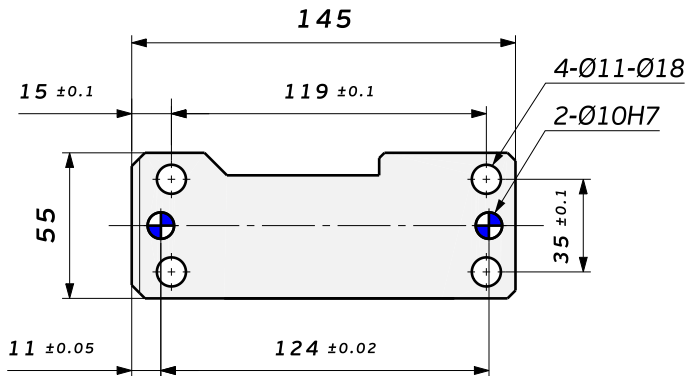
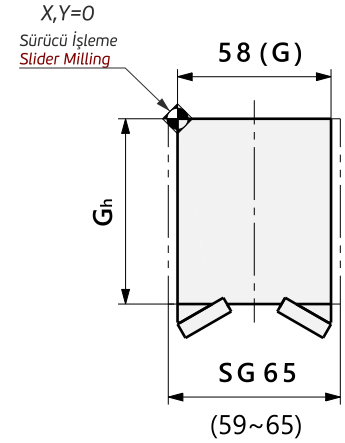
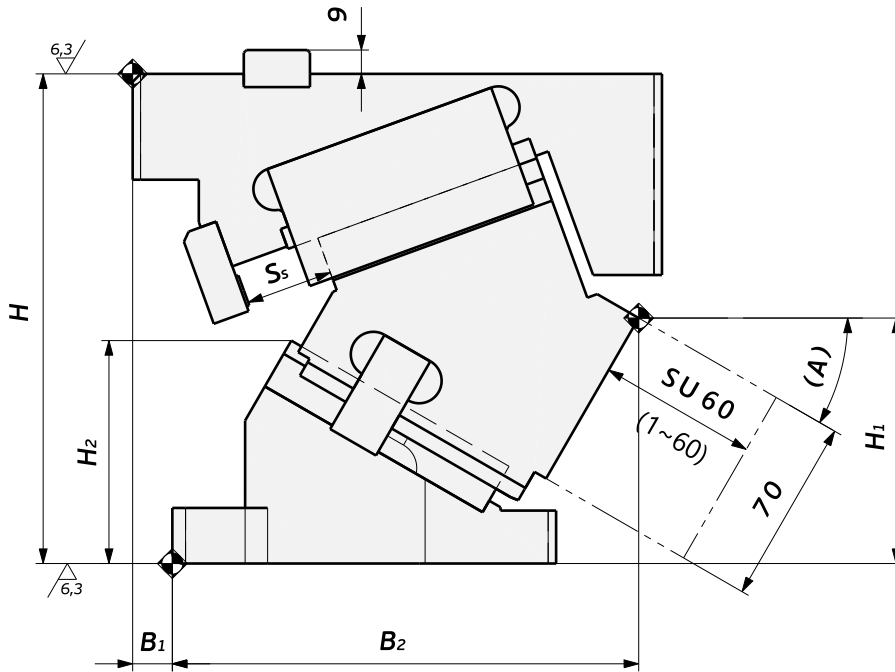
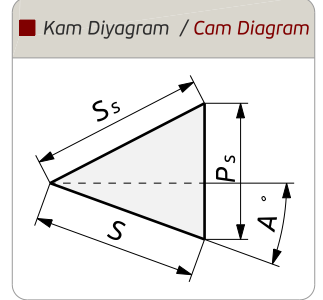
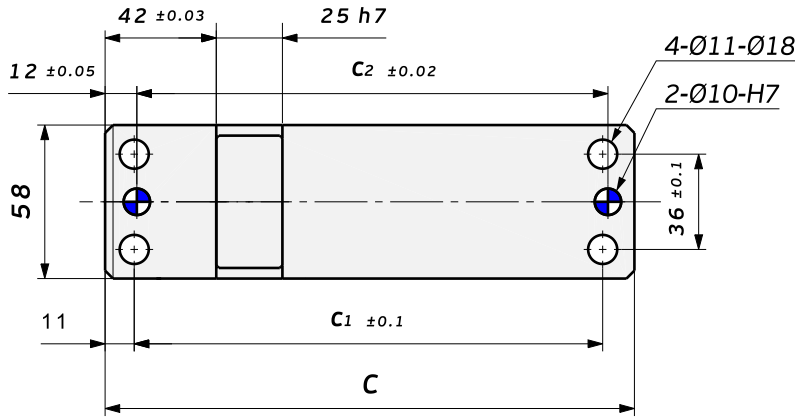
Çalışma Yüzeyi / Mounting Surface (mm)	Çalışma Açısı Work Angle (°)	Kam Kursu/Cam Travel (Stroke mm)	Çalışma Kuvveti Working Force	Yay Kuvveti Spring Force	Gazlı Yay Kuvveti Gas Spring Force Opsiyon/Option
(G)	(Gh)	(S)			
		00			6610 N (674 kgf)
		05			6607 N (674 kgf)
		10			6604 N (673 kgf)
		15			6601 N (673 kgf)
		20			6598 N (673 kgf)
	70	25	300.000 Baskı/Stroke 68,6 kN (7,0 tonf)		6594 N (672 kgf)
		30			6591 N (672 kgf)
		35			6587 N (672 kgf)
58		40	1.000.000 Baskı/Stroke 34,3 kN (3,5 tonf)		6583 N (671 kgf)
		45			6580 N (671 kgf)
		50			6576 N (670 kgf)
		55			6675 N (681 kgf)
	85	60			8017 N (817 kgf)
	83	65			8750 N (892 kgf)
	78	70			10158 N (1036 kgf)
		75			12012 N (1225 kgf)
	80	80			13896 N (1417 kgf)





SU Opsiyonu / SU Option

SG Opsiyonu / SG Option


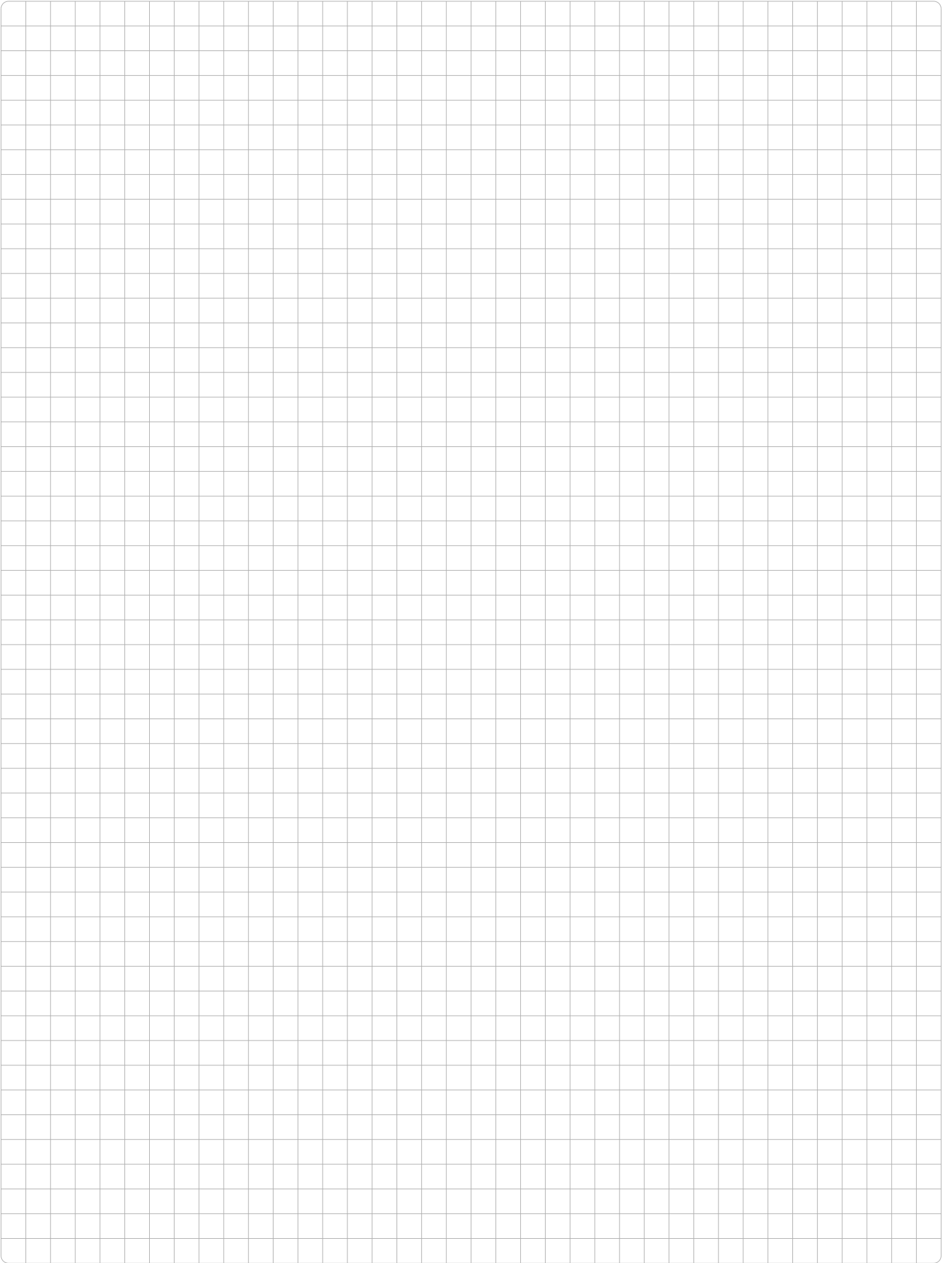
Parça No Part Number	Açıklama / Description	Malzeme Material	Adet Quantity
1	Üst Gövde / Cam Holder	GGG60	1
2	Sürücü / Cam Slider	GGG60	1
3	Alt Gövde / Cam Driver	GGG60	1
4	Üst Plaka / Holder Wear Plate	SAE 430B	1
5	Yan Kenet / Side Plate	1.2312	2
6	Arka Kapak / Stoper Plate	CK45	1
7	Gazlı Yay / Gas Spring	----	1
8	Sürücü Açık Plaka 1A / Slider Wear Plate 1A	CK45 HRC±2	1
9	Sürücü Açık Plaka 2B / Slider Wear Plate 2B	CK45 HRC±2	1
10	Alt V Kızak / Cam Slide Guide	SAE 430B	1
11	Yan Kol / Positive Return	1.2312	1
12	Kilit / Key (KM07-25-50)	CK45	1



	Kod / Code	(G)	(A)	Opsiyon/Option
ORDER	ACKSK	58	10	SU30-SG60

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)					
	A	S	Ps	Ss	H	H ₁	H ₂
	00	21,2	25,3			119,0	46,0
	05	23,4	25,4			114,3	51,1
	10	25,7	25,7			109,6	56,8
	15	28,0	26,2			105,2	63,3
	20	30,4	26,9			100,8	69,9
	25	33,0	27,9	33	185	96,7	77,0
	30	35,8	29,2			92,7	84,2
	35	38,9	30,9			89,0	92,3
ACKSK-58	40	42,4	33,0			84,5	98,8
	45	46,5	35,8			81,2	107,3
	50	51,3	39,3		190	74,1	111,5
	55	47,1	38,6	27	205	81,8	114,9
	60	50,0	43,3	25	210	84,1	119,1
	65	52,1	47,2	22		85,4	121,2
	70	58,5	55,0	20		83,3	125,4
	75	58,0	56,0	15	215	80,1	126,8
	80	63,3	62,4	11		77,4	132,1

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)					
	A	B ₁	B ₂	C	C ₁	C ₂	G _h
	00	49	138,0	185	162	163	
	05	45	145,7	190	167	168	
	10	41	152,3				
	15	34	159,5	195	172	173	
	20	29	165,6				
	25	22	171,5				
	30	15	176,2	200	177	178	70
	35	8	180,8				
ACKSK-58	40	0	185,2				
	45	-12	177,4	195	172	173	
	50	-23	170,6				
	55	-31	172,3				
	60	-44	169,7				85
	65	-56	164,1	190	167	168	83
	70	-66	160,7				78
	75	-77	159,4				
	80	-89	155,4				80

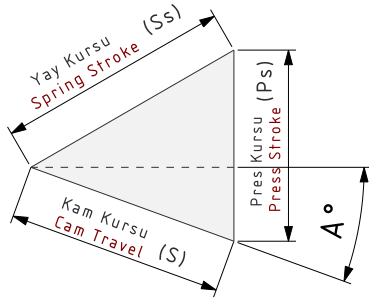




■ ACKSU-58 Bilgilendirme / Information

- Çalışma Kuvveti / Working Force : (300.000 Baskı/Stroke) 68,6kN (7,0tonf)
- Sürücü genişliği / Slider width : 58mm
- Çalışma Açısı / Work Angle : 0°~50°
- SU Opsiyonu / SU Option : 1~60 mm
- SG Opsiyonu / SG Option : 59~65 mm
- Sipariş Örneği / Order No : ACKSU-58-25-SU50

■ Kam Diyagram / Cam Diagram



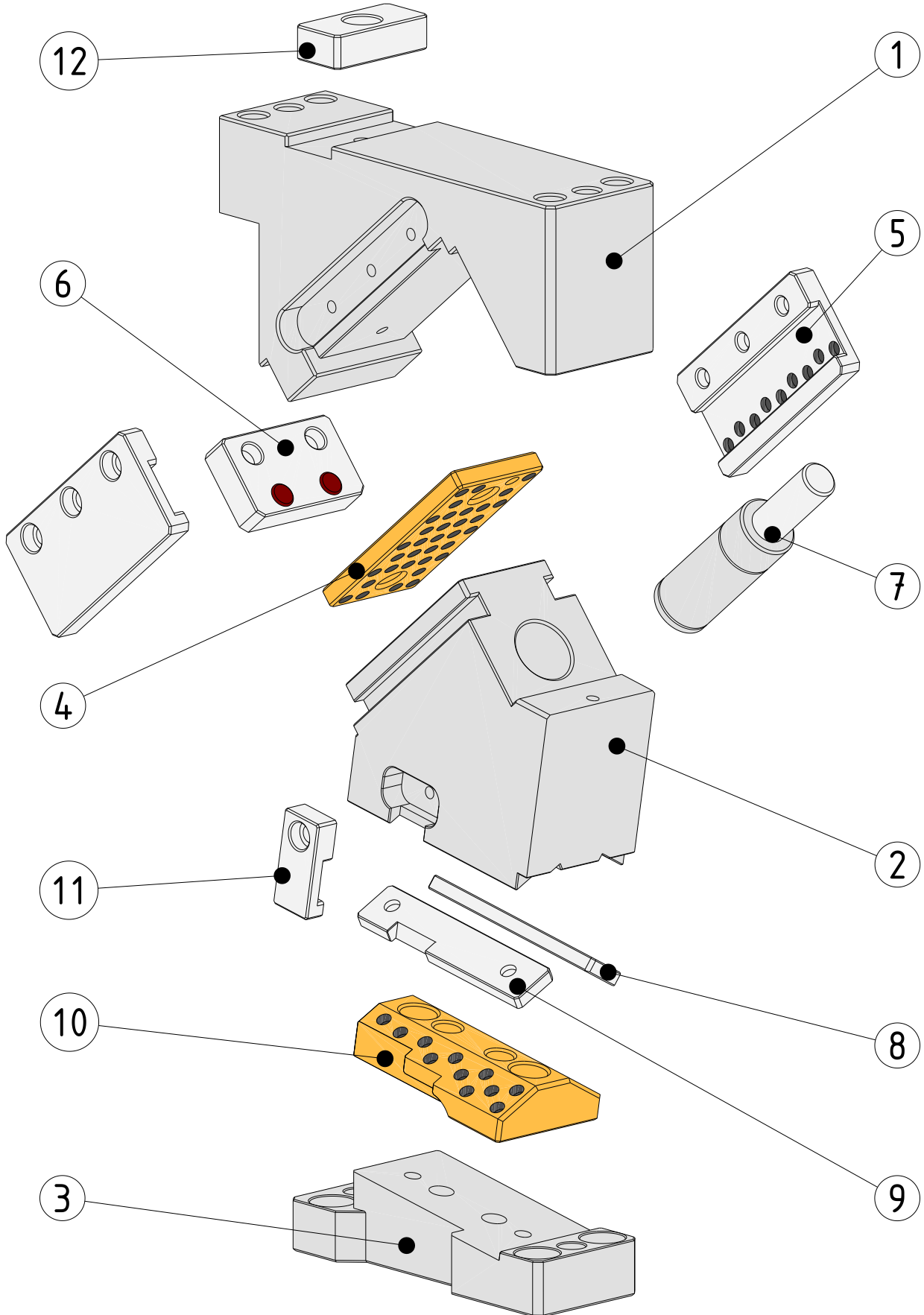
■ Sipariş Örneği / Order No

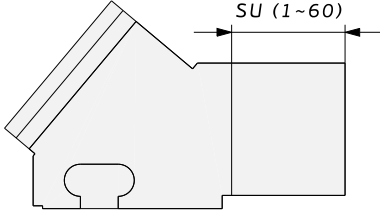
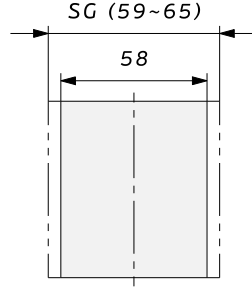
Kam Kodu Cam Code	Sürücü Genişliği Slider Width (mm)	Çalışma Açısı Work Angle (°)	Opsiyon Kodu / Option Code			
	(G)	(A)	Sürücü Uzunluğu Slider Length	Sürücü Genişliği Slider Width	----	----
ACKSU - 58	-	00				
ACKSU - 58	-	30				SU60
ACKSU - 58	-	40				SU20 - SG65

■ ACKSU-58 Şartname / Specifications

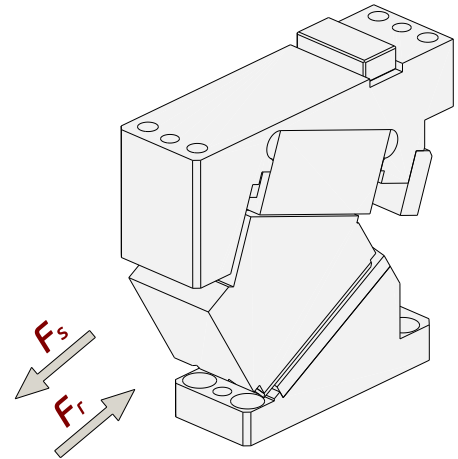
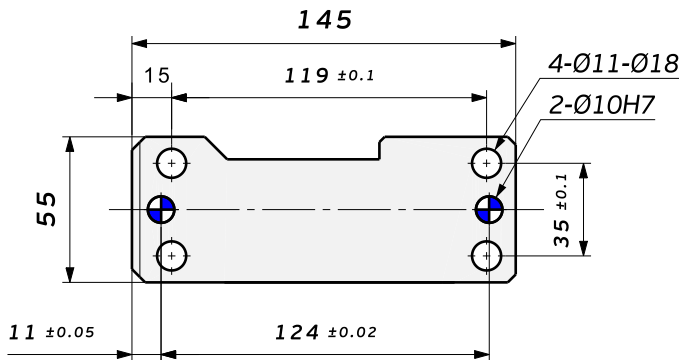
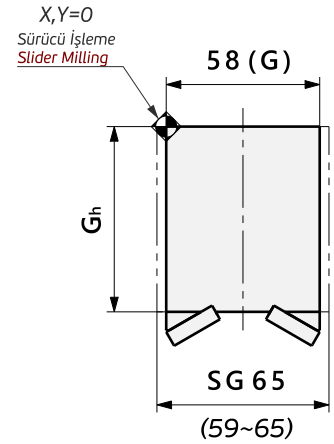
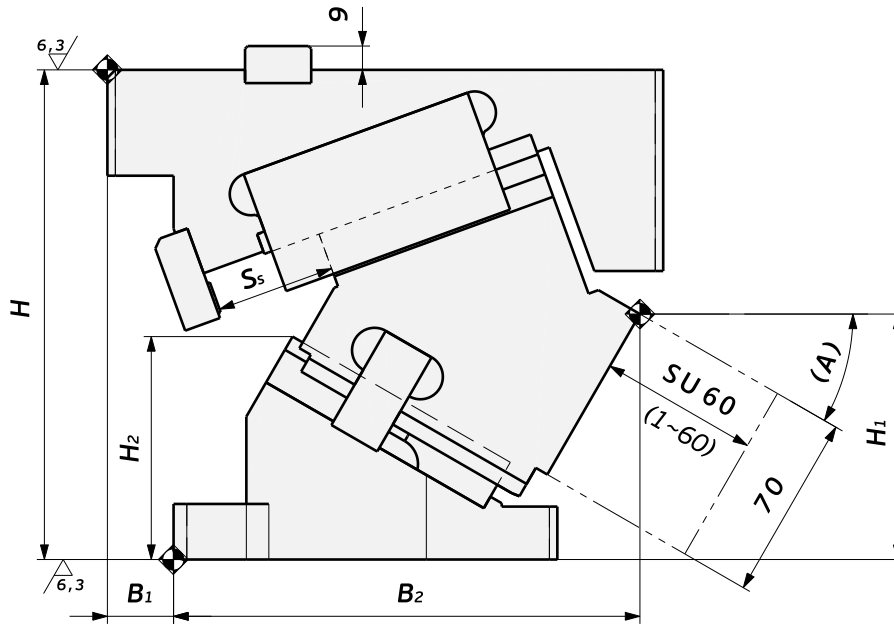
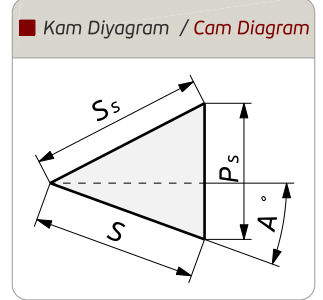
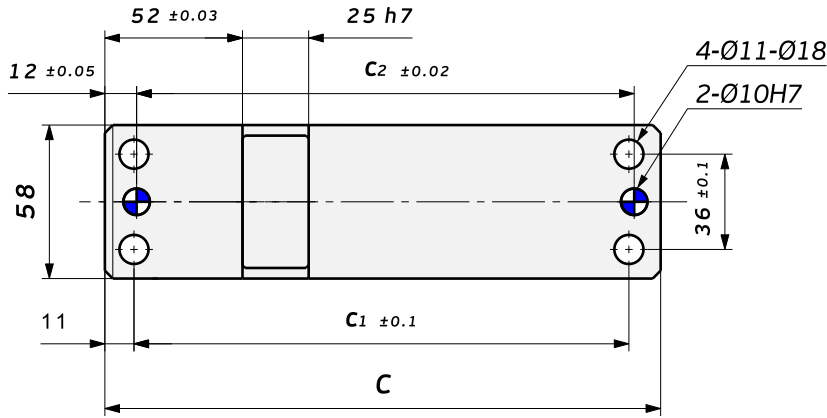
Çalışma Yüzeyi / Mounting Surface (mm)	Çalışma Açısı Work Angle (°)	Kam Kursu/Cam Travel (Stroke mm)	Çalışma Kuvveti Working Force	Yay Kuvveti Spring Force	Gazlı Yay Kuvveti Gas Spring Force Opsiyon/Option
(G)	(Gh)	(A)	(S)		
		00	28,9		6715 N (685 kgf)
		05	31,9		6712 N (684 kgf)
		10	35,0		6709 N (684 kgf)
		15	38,2		6706 N (684 kgf)
		20	41,5		6703 N (683 kgf)
58	70	25	45,0		6699 N (683 kgf)
		30	48,8		6696 N (683 kgf)
		35	53,1		6692 N (682 kgf)
		40	57,9		6688 N (682 kgf)
		45	62,0		6629 N (676 kgf)
		50	62,2		6404 N (653 kgf)





SU Opsiyonu / SU Option

SG Opsiyonu / SG Option


Parça No Part Number	Açıklama / Description	Malzeme Material	Adet Quantity
1	Üst Gövde / Cam Holder	GGG60	1
2	Sürücü / Cam Slider	GGG60	1
3	Alt Gövde / Cam Driver	GGG60	1
4	Üst Plaka / Holder Wear Plate	SAE 430B	1
5	Yan Kenet / Side Plate	1.2312	2
6	Arka Kapak / Stoper Plate	CK45	1
7	Gazlı Yay / Gas Spring	----	1
8	Sürücü Açık Plaka 1A / Slider Wear Plate 1A	CK45 HRC±2	1
9	Sürücü Açık Plaka 2B / Slider Wear Plate 2B	CK45 HRC±2	1
10	Alt V Kızak / Cam Slide Guide	SAE 430B	1
11	Yan Kol / Positive Return	1.2312	1
12	Kilit / Key (KM07-25-50)	CK45	1

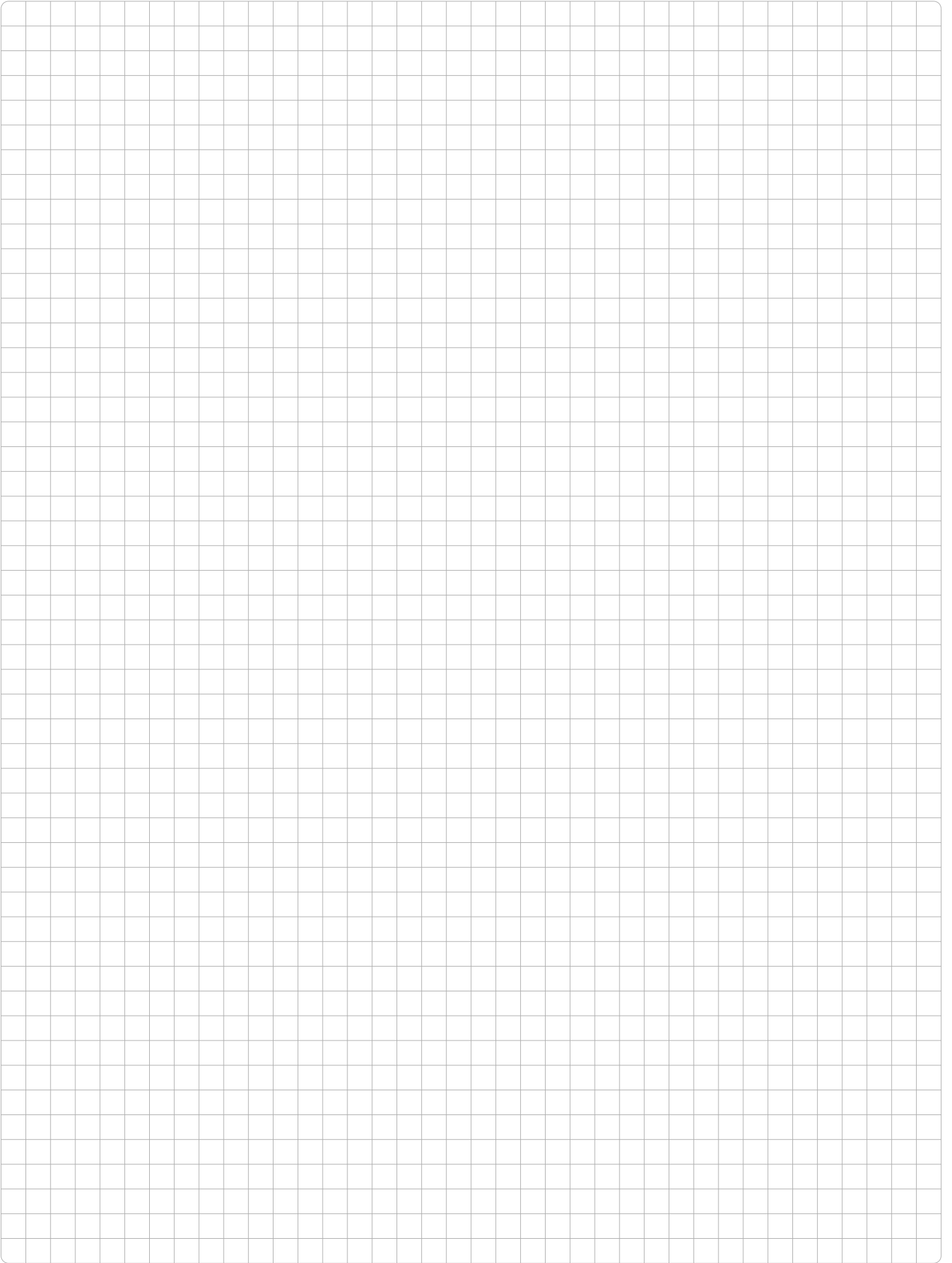




Kod / Code	(G)	(A)	Opsiyon/Option
ACKSU	58	00	SU50-SG65

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)					
	A	S	Ps	Ss	H	H ₁	H ₂
	00	28,9	34,5			119,0	46,0
	05	31,9	34,6			114,3	51,1
	10	35,0	35,0			109,6	56,8
	15	38,2	35,7			105,2	63,3
ACKSU-58	20	41,5	36,7	45	185	100,8	69,9
	25	45,0	38,0			96,7	77,0
	30	48,8	39,8			92,7	84,2
	35	53,1	42,1			89,0	92,3
	40	57,9	45,0			84,5	98,8
	45	62,0	47,7	44		81,2	107,3
	50	62,2	47,7	40	190	74,1	111,5

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)					
	A	B ₁	B ₂	C	c ₁	c ₂	G _h
	00	59	138,0	195	172	173	
	05	55	145,7	200	177	178	
	10	51	152,3	205	182	183	
	15	44	159,5				
	20	39	165,6				
ACKSU-58	25	32	171,5				70
	30	25	176,2	210	187	188	
	35	18	180,8				
	40	10	185,2				
	45	0	189,4	207	184	185	
	50	-16	177,6	202	179	180	

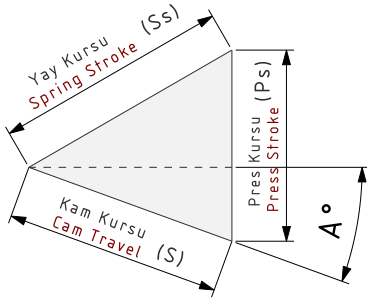




ACKSK-72 Bilgilendirme / Information

- Çalışma Kuvveti / **Working Force** : (300.000 Baskı/Stroke) 90,2kN (9,2tonf)
- Sürücü genişliği / **Slider width** : 72mm
- Çalışma Açısı / **Work Angle** : 0°~80°
- SU Opsiyonu / **SU Option** : 1~60 mm
- SG Opsiyonu / **SG Option** : 73~90 mm
- Sipariş Örneği / **Order No** : ACKSK-72-20-SU45

Kam Diyagram / Cam Diagram



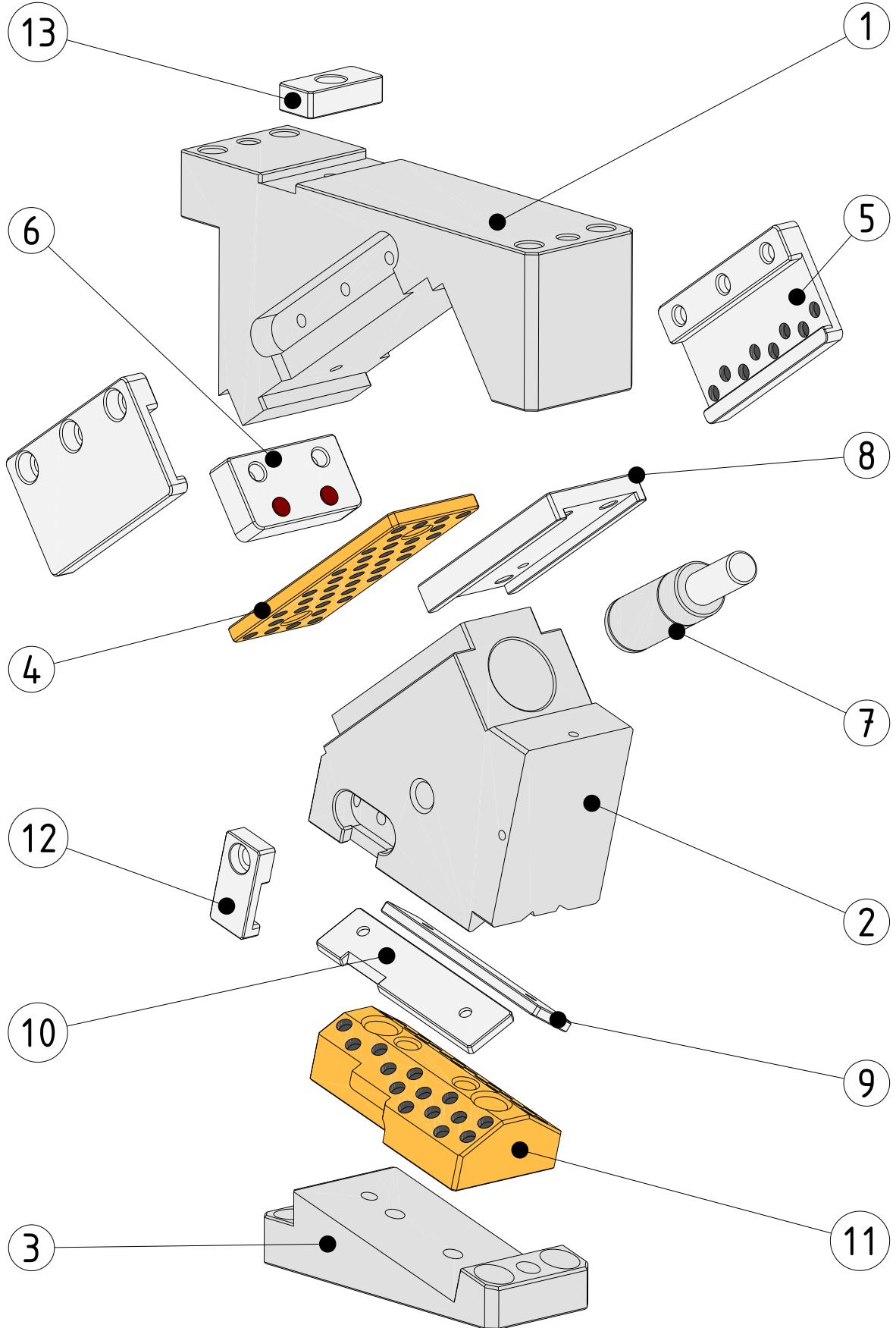
Sipariş Örneği / Order No

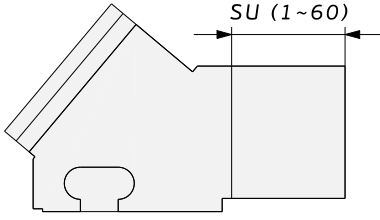
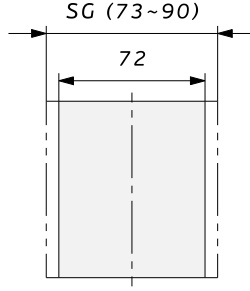
Kam Kodu Cam Code	Sürücü Genişliği Slider Width (mm)	Çalışma Açısı Work Angle (°)	Opsiyon Kodu / Option Code			
	(G)	(A)	Sürücü Uzunluğu Slider Length	Sürücü Genişliği Slider Width	----	----
ACKSK - 72 - 00						
ACKSK - 72 - 15 - SU50						
ACKSK - 72 - 35 - SU40 - SG80						

ACKSK-72 Şartname / Specifications

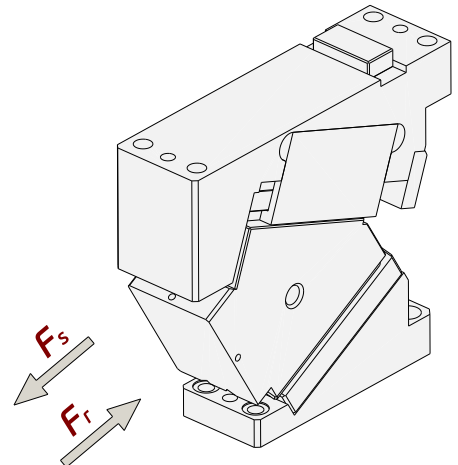
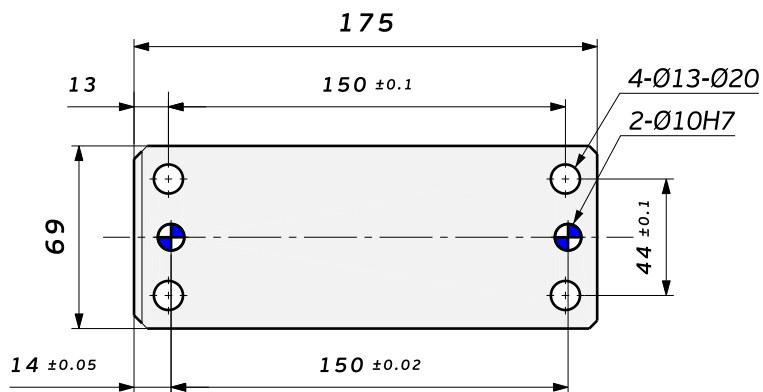
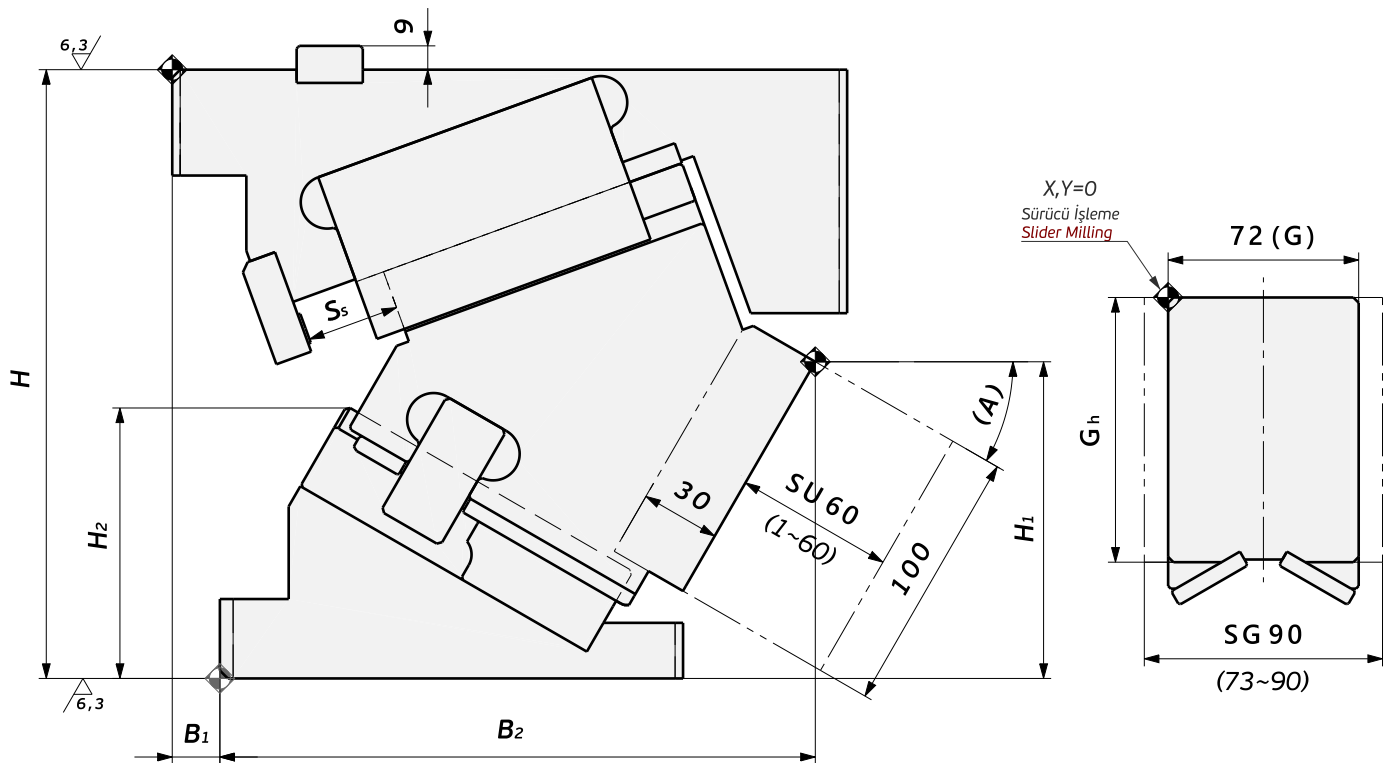
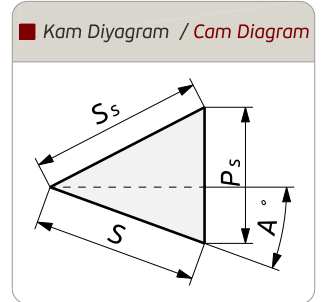
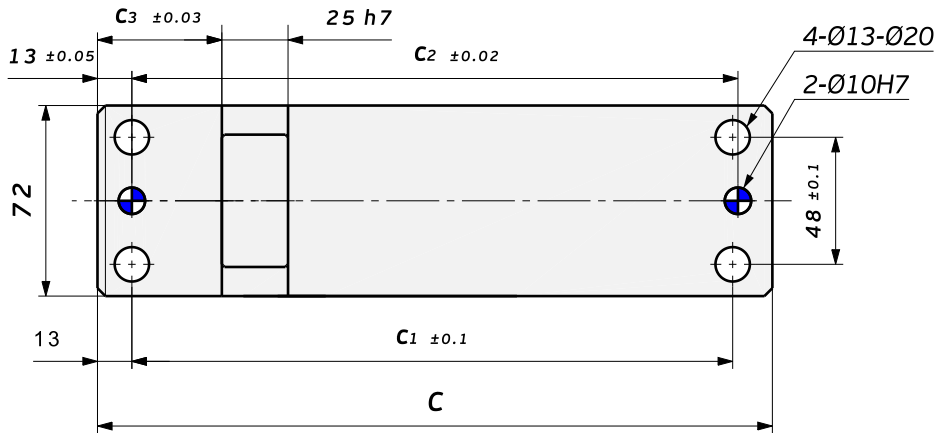
Çalışma Yüzeyi / Mounting Surface (mm)	Çalışma Açısı Work Angle (°)	Kam Kursu/Cam Travel (Stroke mm)	Çalışma Kuvveti Working Force	Yay Kuvveti Spring Force	Gazlı Yay Kuvveti Gas Spring Force Opsiyon/Option
(G)	(Gh)	(S)			
		00			9241 N (942 kgf)
		05			9235 N (942 kgf)
		10			9228 N (941 kgf)
		15			9222 N (940 kgf)
		20			9214 N (940 kgf)
	100	25	300.000 Baskı/Stroke 90,2 kN (9,2 tonf)		9207 N (939 kgf)
		30			9199 N (938 kgf)
		35			9192 N (937 kgf)
72		40	1.000.000 Baskı/Stroke 45,1 kN (4,6 tonf)		9184 N (937 kgf)
		45			9176 N (936 kgf)
		50			9168 N (935 kgf)
	110	55			9774 N (997 kgf)
	105	60			10405 N (1061 kgf)
		65			12068 N (1231 kgf)
	115	70			13770 N (1405 kgf)
	120	75			16260 N (1659 kgf)
	125	80			20426 N (2084 kgf)





SU Opsiyonu / SU Option

SG Opsiyonu / SG Option


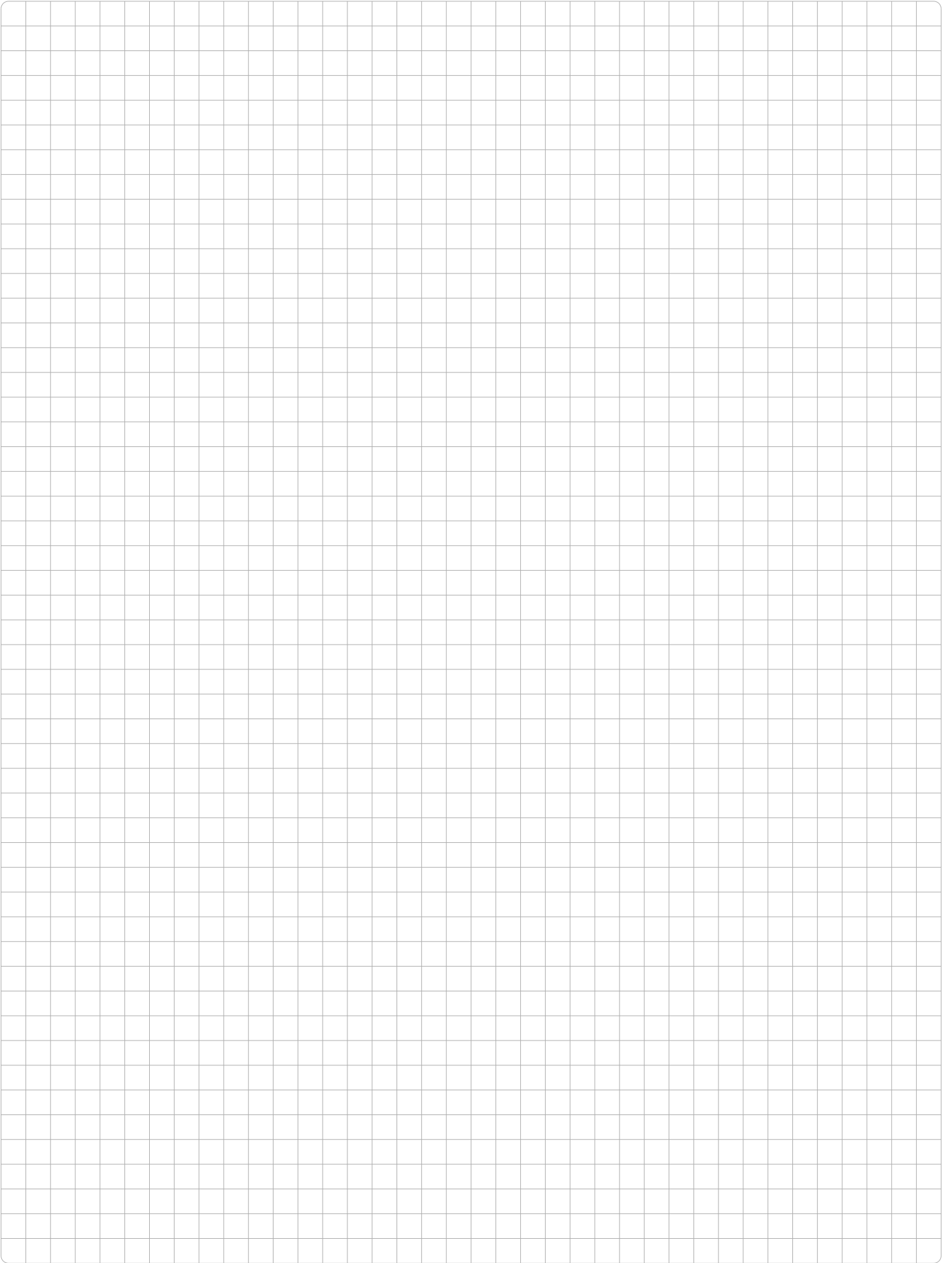
Parça No Part Number	Açıklama / Description	Malzeme Material	Adet Quantity
1	Üst Gövde / Cam Holder	GGG60	1
2	Sürücü / Cam Slider	GGG60	1
3	Alt Gövde / Cam Driver	GGG60	1
4	Üst Plaka / Holder Wear Plate	SAE 430B	1
5	Yan Kenet / Slide Keeper	1.2312	2
6	Arka Kapak / Stopper Plate	CK45	1
7	Gazlı Yay / Gas Spring	----	1
8	Sürücü Üst Plaka / Slider Wear Plate	CK45 HRC±2	1
9	Sürücü Açık Plaka 1A / Slider Wear Plate 1A	CK45 HRC±2	1
10	Sürücü Açık Plaka 2B / Slider Wear Plate 2B	CK45 HRC±2	1
11	Alt V Kızak / Cam Slide Guide	SAE 430B	1
12	Yan Kol / Positive Return	1.2312	1
13	Kilit / Key (KM07-25-50)	CK45	1



	Kod / Code	(G)	(A)	Opsiyon/Option
ORDER	ACKSK	72	05	SU25-SG85

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)					
	A	S	Ps	Ss	H	H ₁	H ₂
	00	22,5	26,8			158,0	55,0
	05	24,8	26,9			151,1	61,1
	10	27,2	27,2			144,4	67,9
	15	29,7	27,8			137,9	75,6
	20	32,3	28,5			131,6	83,8
	25	35,0	29,6	35	230	125,5	92,8
	30	38,0	31,0			119,6	102,2
	35	41,3	32,7			114,1	112,0
ACKSK-72	40	45,0	35,0			107,8	121,1
	45	49,3	37,9			103,9	133,0
	50	54,5	41,7		235	93,2	137,0
	55	75,0	61,4	43	250	102,9	143,3
	60	76,0	65,8	38		106,7	148,0
	65	75,7	68,6	32		104,2	150,8
	70	76,0	71,4	26	255	102,7	153,0
	75	73,4	70,9	19		100,7	156,0
	80	74,9	73,7	13		95,2	156,9

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)						
	A	B ₁	B ₂	C	C ₁	C ₂	C ₃	G _h
	00	64	172,0		207	209		
	05	58	182,4		212	214		
	10	53	191,5		217	219		
	15	46	201,3		222	224		
	20	40	208,8					
	25	30	217,0	230			47	100
	30	18	225,0		227	229		
	35	8	231,7					
ACKSK-72	40	-4	234,2					
	45	-17	226,5		222	224		
	50	-29	219,7	235	217	219		
	55	-25	226,6	250				110
	60	-38	222,1					105
	65	-53	216,2		225	227	55	
	70	-74	214,1	255				115
	75	-91	209,8					120
	80	-109	205,8					125

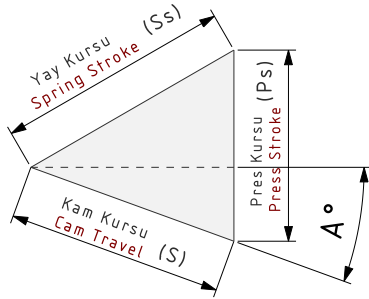




■ ACKSU-72 Bilgilendirme / Information

- Çalışma Kuvveti / Working Force : (300.000 Baskı/Stroke) 90,2kN (9,2tonf)
- Sürücü genişliği / Slider width : 72mm
- Çalışma Açısı / Work Angle : 0°~50°
- SU Opsiyonu / SU Option : 1~60 mm
- SG Opsiyonu / SG Option : 73~90 mm
- Sipariş Örneği / Order No : ACKSU-72-30-SU60

■ Kam Diyagram / Cam Diagram



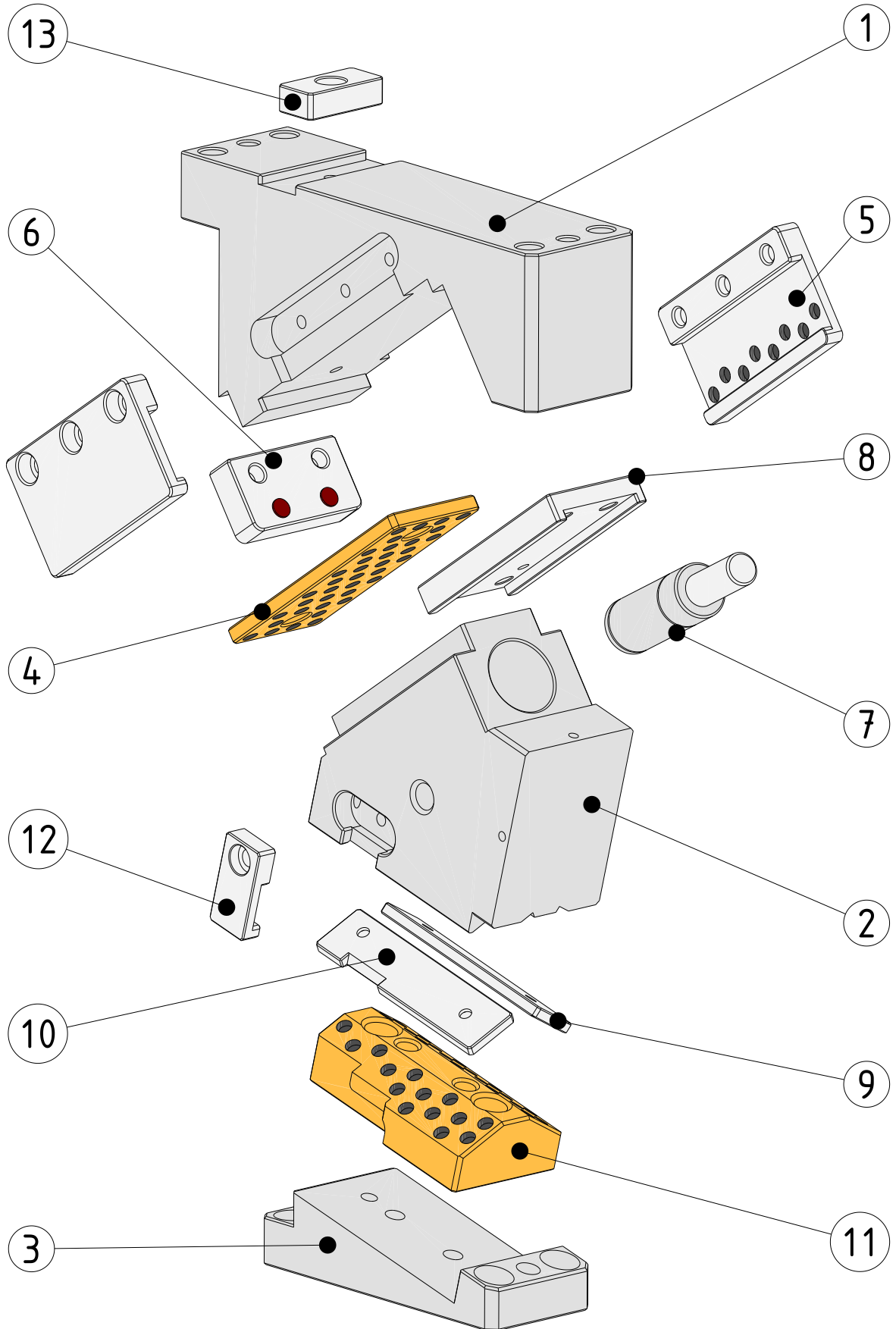
■ Sipariş Örneği / Order No

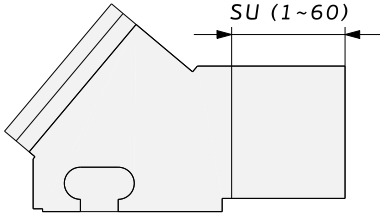
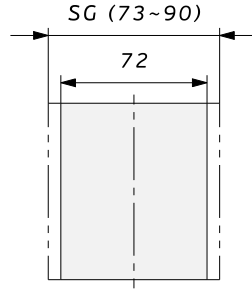
Kam Kodu Cam Code	Sürücü Genişliği Slider Width (mm)	Çalışma Açısı Work Angle (°)	Opsiyon Kodu / Option Code			
	(G)	(A)	Sürücü Uzunluğu Slider Length	Sürücü Genişliği Slider Width	----	----
ACKSU - 72	-	00				
ACKSU - 72	-	10	-	SU20		
ACKSU - 72	-	25	-	SU40 - SG90		

■ ACKSU-72 Şartname / Specifications

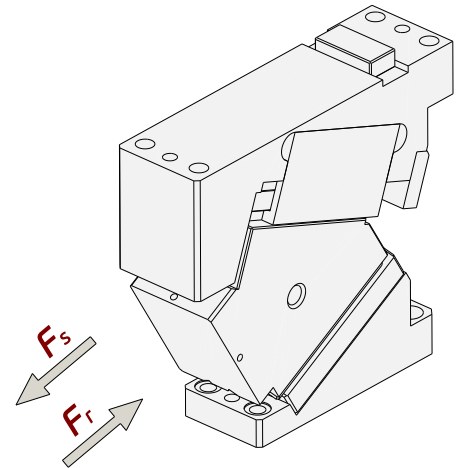
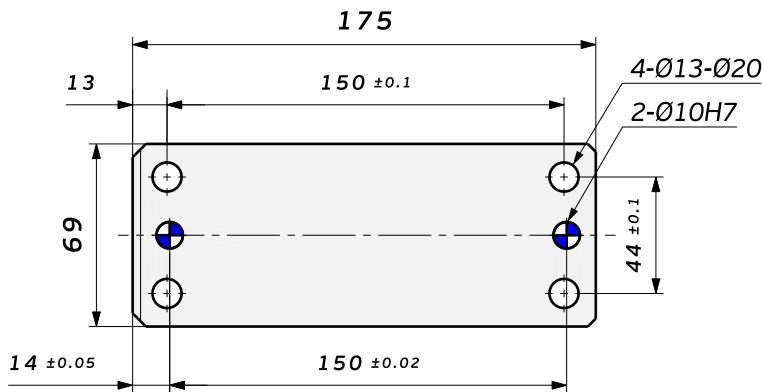
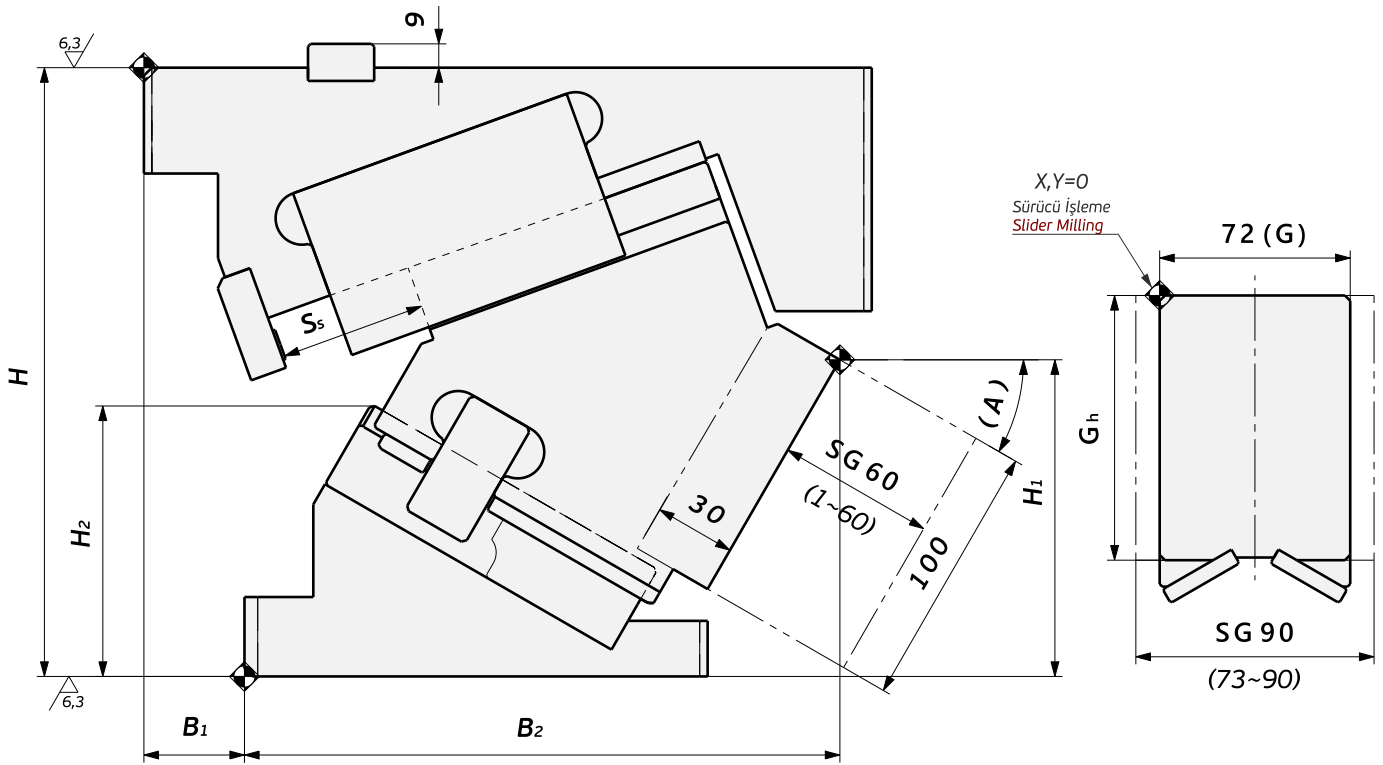
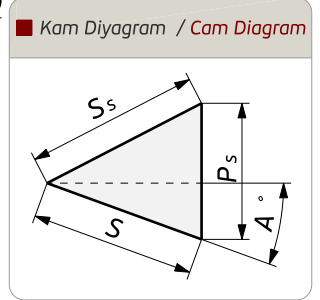
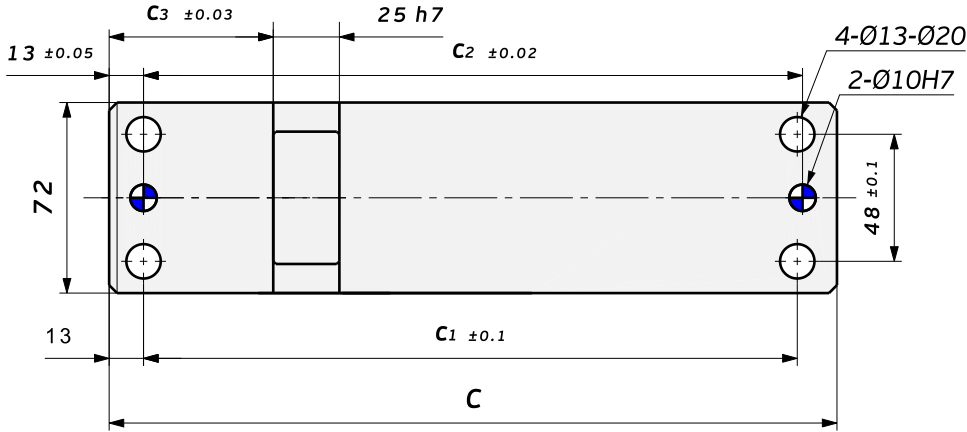
Çalışma Yüzeyi / Mounting Surface (mm)	Çalışma Açısı Work Angle (°)	Kam Kursu/Cam Travel (Stroke mm)	Çalışma Kuvveti Working Force	Yay Kuvveti Spring Force	Gazlı Yay Kuvveti Gas Spring Force Opsiyon/Option
(G)	(Gh)	(A)	(S)		
		00	35,4		9117 N (930 kgf)
		05	39,0		9111 N (929 kgf)
		10	42,8		9104 N (928 kgf)
		15	46,6		9098 N (928 kgf)
		20	50,7		9090 N (927 kgf)
72	100	25	55,0		9083 N (926 kgf)
		30	59,7		9075 N (925 kgf)
		35	64,9		9068 N (925 kgf)
		40	70,7		9060 N (924 kgf)
		45	74,7		8947 N (912 kgf)
		50	77,8		9782 N (997 kgf)





SU Opsiyonu / SU Option

SG Opsiyonu / SG Option


Parça No Part Number	Açıklama / Description	Malzeme Material	Adet Quantity
1	Üst Gövde / Cam Holder	GGG60	1
2	Sürücü / Cam Slider	GGG60	1
3	Alt Gövde / Cam Driver	GGG60	1
4	Üst Plaka / Holder Wear Plate	SAE 430B	1
5	Yan Kenet / Slide Keeper	1.2312	2
6	Arka Kapak / Stopper Plate	CK45	1
7	Gazlı Yay / Gas Spring	----	1
8	Sürücü Üst Plaka / Slider Wear Plate	CK45 HRC±2	1
9	Sürücü Açık Plaka 1A / Slider Wear Plate 1A	CK45 HRC±2	1
10	Sürücü Açık Plaka 2B / Slider Wear Plate 2B	CK45 HRC±2	1
11	Alt V Kızak / Cam Slide Guide	SAE 430B	1
12	Yan Kol / Positive Return	1.2312	1
13	Kilit / Key (KM07-25-50)	CK45	1

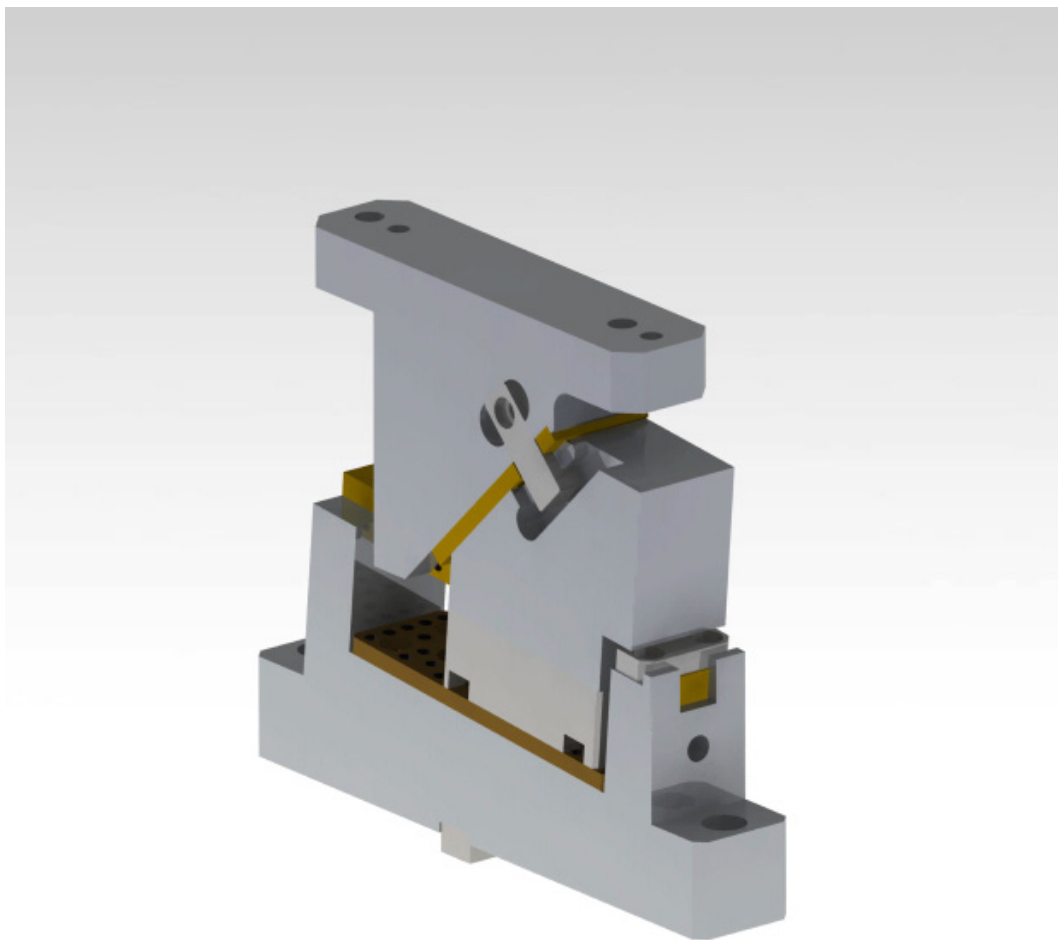


	Kod / Code	(G)	(A)	Opsiyon/Option
ORDER	ACKSU	72	45	SU35-SG80

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)					
	A	S	Ps	Ss	H	H ₁	H ₂
	00	35,4	42,1			158,0	55,0
	05	39,0	42,3			151,1	61,1
	10	42,8	42,8			144,4	67,9
	15	46,6	43,6			137,9	75,6
	20	50,7	44,8	55		131,6	83,8
ACKSU-72	25	55,0	46,5		230	125,5	92,8
	30	59,7	48,7			119,6	102,2
	35	64,9	51,4			114,1	112,0
	40	70,7	55,0			107,8	121,1
	45	74,7	57,4	53		103,9	133,0
	50	77,8	59,6	50	235	93,2	137,0

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)						
	A	B ₁	B ₂	C	C ₁	C ₂	C ₃	G _h
	00	79	172,0	250	222	224		
	05	73	182,4	255	227	229		
	10	68	191,5	260	232	234		
	15	61	201,3	265	237	239		
	20	55	208,8	270	242	244		
ACKSU-72	25	45	217,0				62	100
	30	38	225,0					
	35	28	231,7	275	247	249		
	40	16	238,2					
	45	3	243,5	270	242	244		
	50	-14	234,7	265	237	239		

standart KALIP



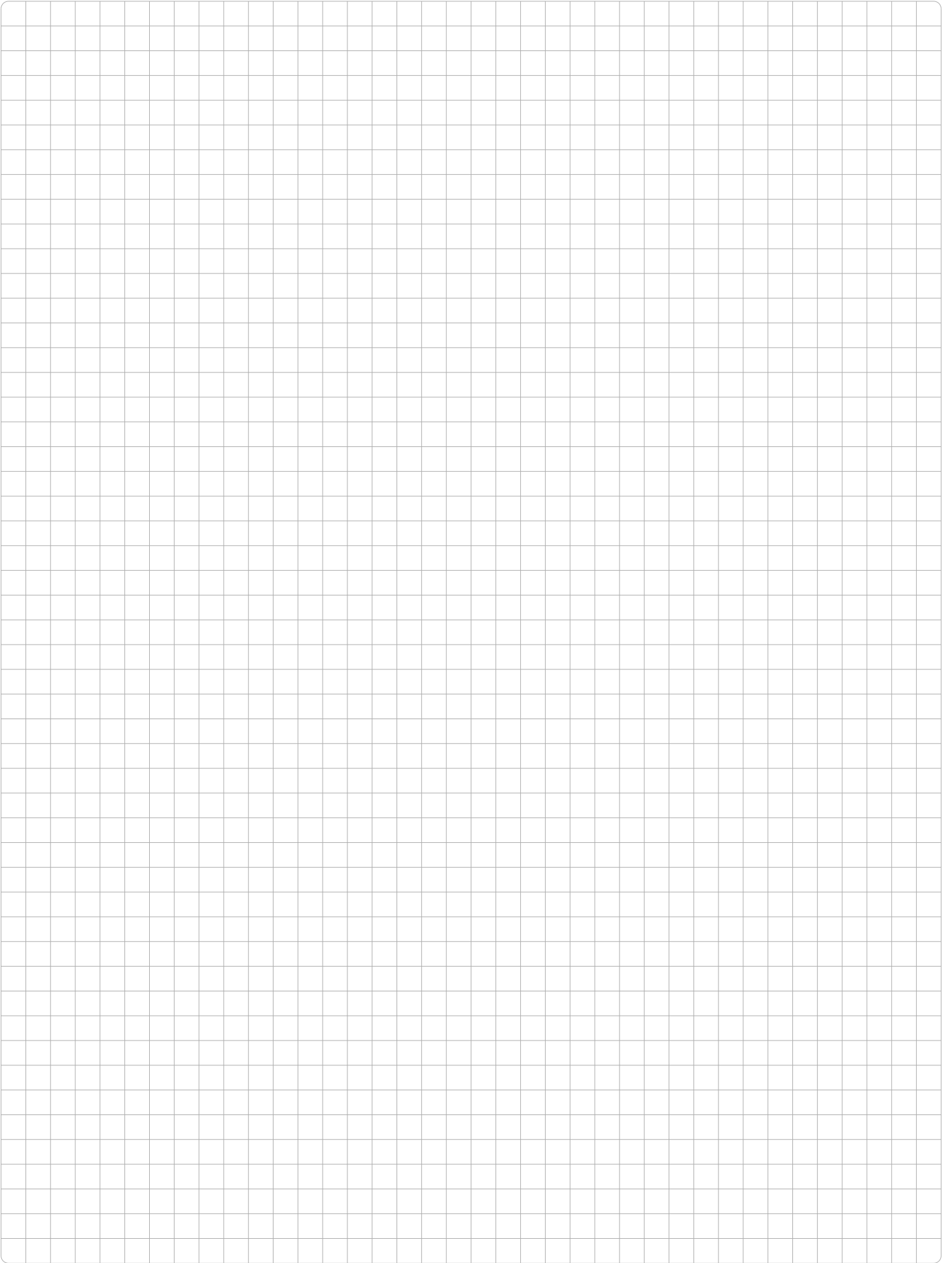
RENAULT

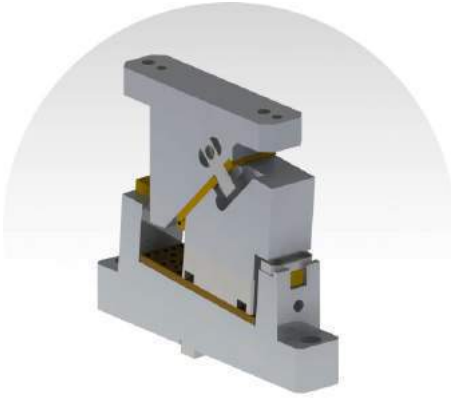


AKCD

Kam Kodu Cam Code	Sürücü Geniřlięi Slider Width (mm)	Çalıřma Açısı Work Angle (°)	Kapalı Yükseklik Closed Height (mm)	Kam Kursu Cam Travel (mm)	Çalıřma Kuvveti Working Force kN (tonf)		Geri Çekme Kuvveti Return Force N (kgf)	
					300.000 Baskı/Stroke	1.000.000 Baskı/Stroke	Çelik Yay Coil Spring	Gazlı Yay Gas Spring
	(G)	(A)	(H)	(S)	(Fs)		(Fr)	

AKCD-52	52	0°~20°	215~255	55	39,2 (4,0)	19,6 (2,0)	606,7 (62,1)	2547,7 (259,8)
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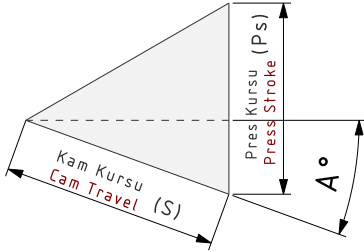




■ AKCD-52 Bilgilendirme / Information

- Çalışma Kuvveti / Working Force : (300.000 Baskı/Stroke) 39,2kN (4,0tonf)
- Sürücü genişliği / Slider width : 52mm
- Çalışma Açısı / Work Angle : 0°~20°
- Gazlı Yay Opsiyon / Gas Spring Option : GY
- SU Opsiyonu / SU Option : 1~65 mm
- SG Opsiyonu / SG Option : 53~100 mm
- Sipariş Örneği / Order No : AKCD-52-10-55-SU50

■ Kam Diyagram / Cam Diagram



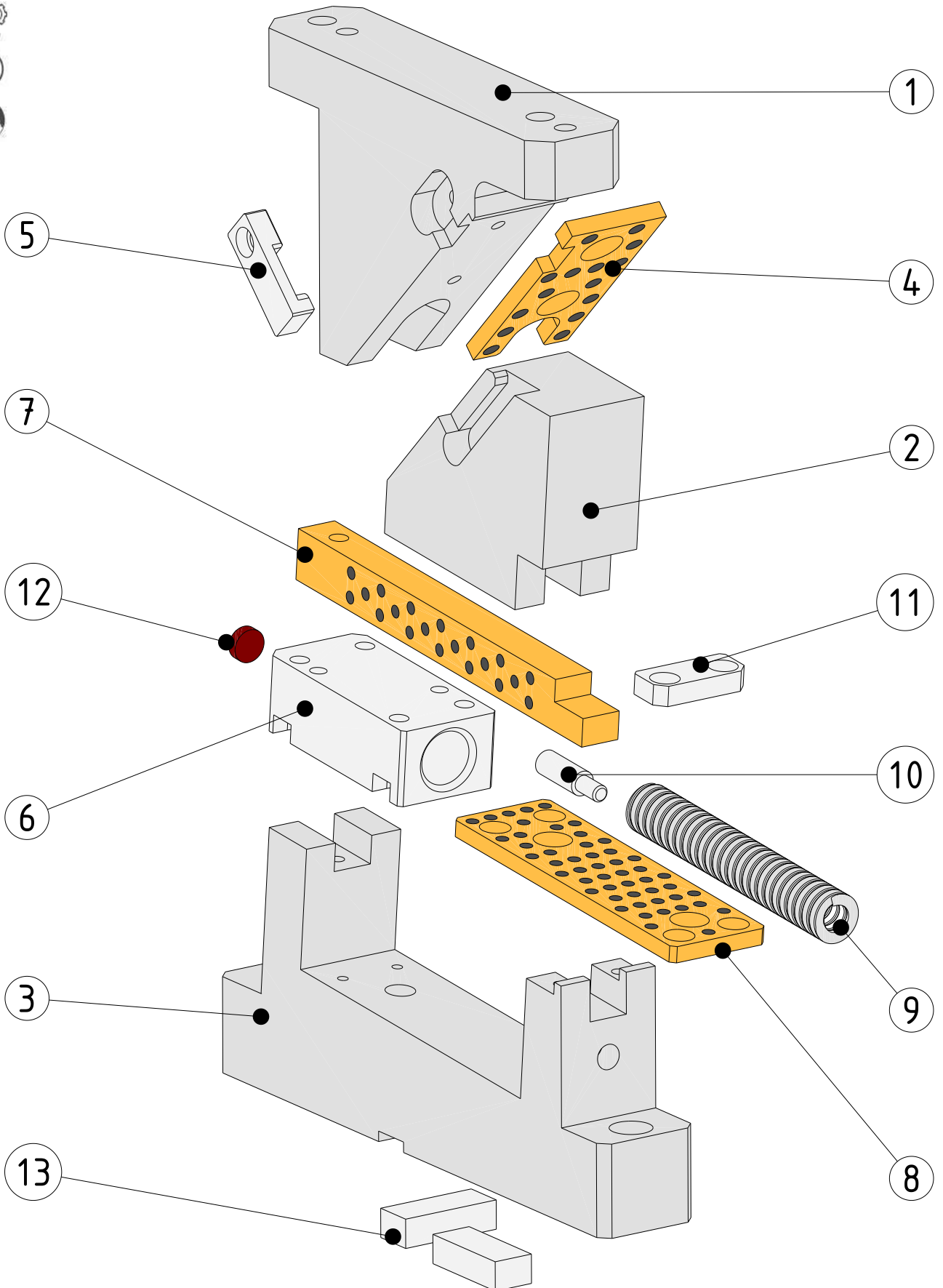
■ Sipariş Örneği / Order No

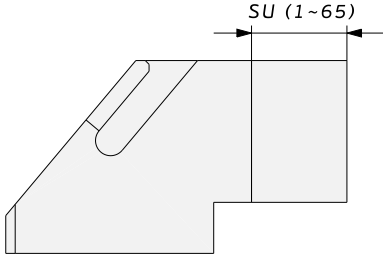
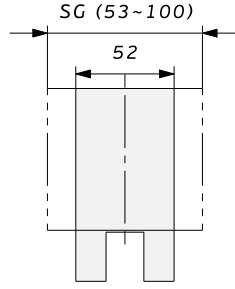
Kam Kodu Cam Code	Sürücü Genişliği Slider Width (mm)	Çalışma Açısı Work Angle (°)	Kurs Travel (mm)	Opsiyon Kodu / Option Code		
	(G)	(A)	(S)	Sürücü Uzunluğu Slider Length	Sürücü Genişliği Slider Width	Gazlı Yay Gas Spring
AKCD	52	00	55			
AKCD	52	20	55			SU45
AKCD	52	05	55			SU20 - SG75 - GY

■ AKCD-52 Şartname / Specifications

Çalışma Yüzeyi / Mounting Surface (mm)		Çalışma Açısı Work Angle (°)	Kam Kursu/Cam Travel (Stroke mm)	Çalışma Kuvveti Working Force	Yay Kuvveti Spring Force	Gazlı Yay Kuvveti Gas Spring Force Opsiyon/Option
(G)	(Gh)	(A)	(S)			
		00		300.000		
		05		Baskı/Stroke		
52	75	10	55	39,2 kN (4,0 tonf)	606,7 N (62,1 kgf)	2547,7 N (259,8 kgf)
		15		1.000.000		
		20		Baskı/Stroke		
				19,6 kN (2,0 tonf)		



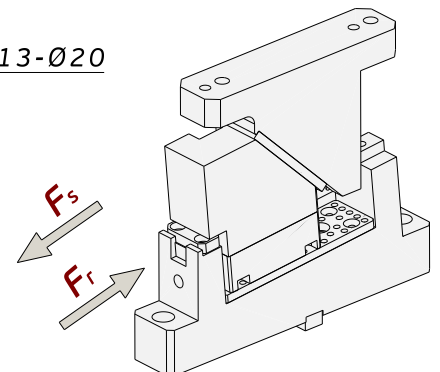
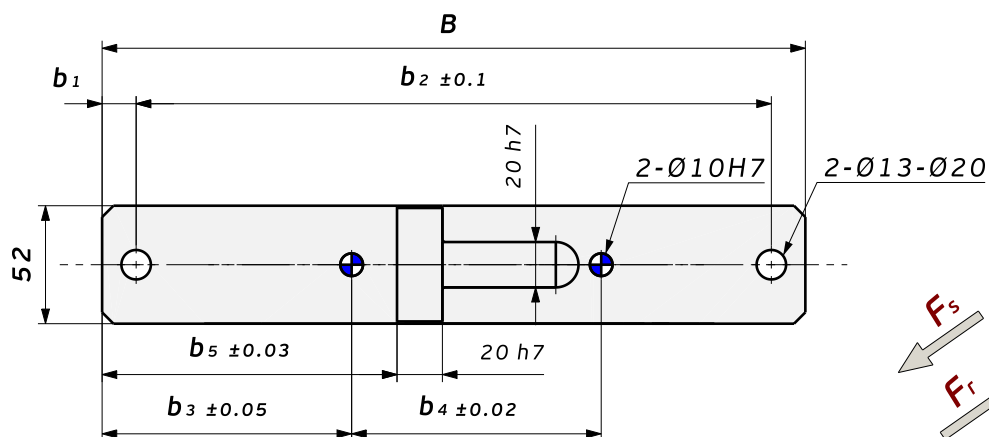
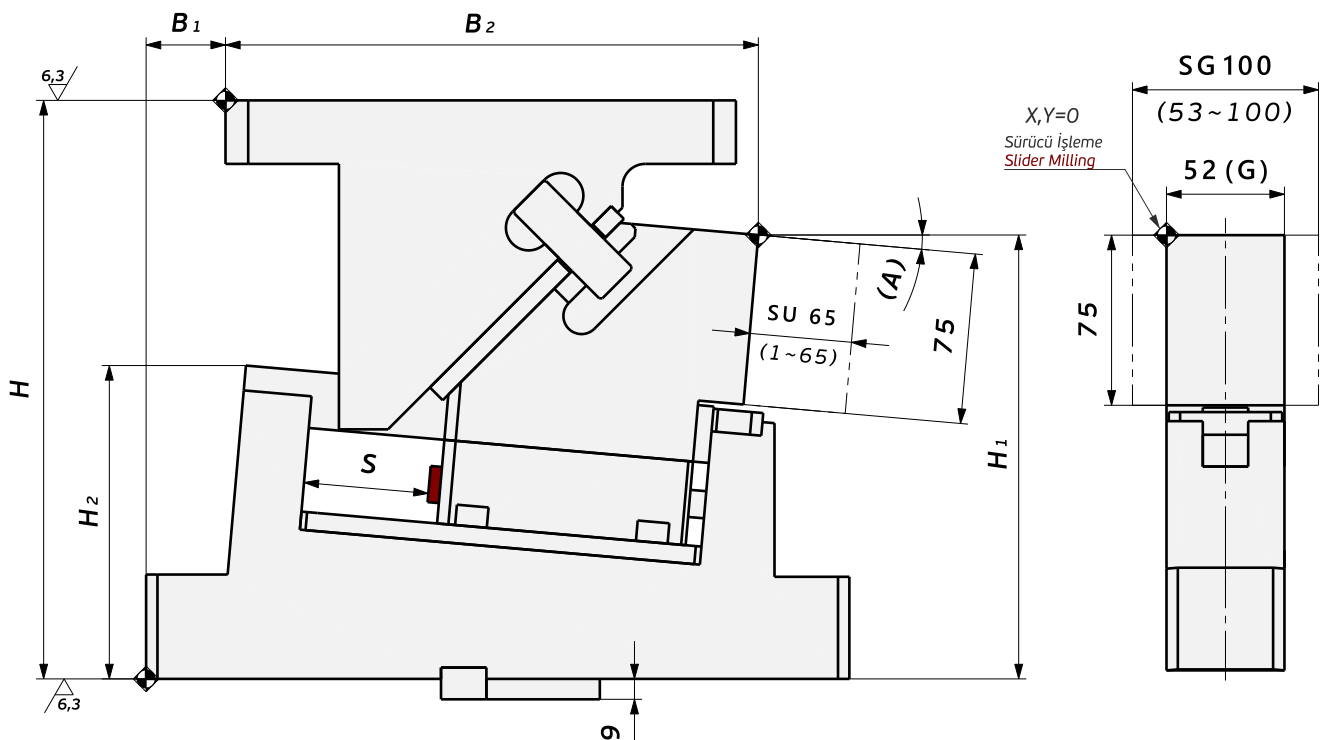
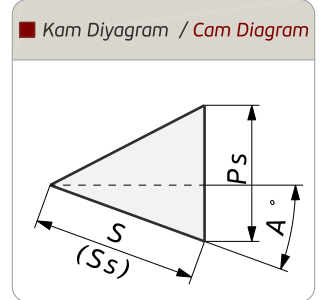
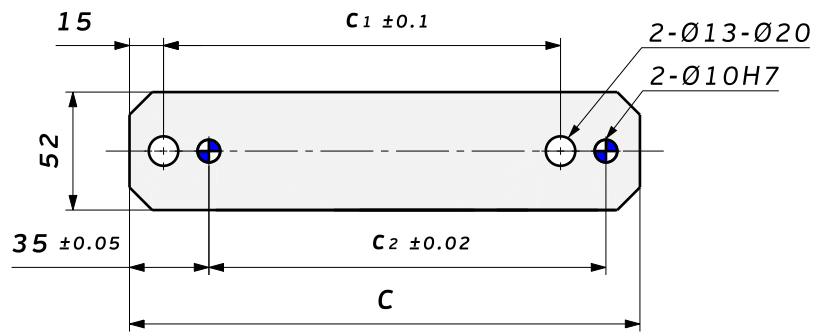


SU Opsiyonu / *SU Option*

 SG Opsiyonu / *SG Option*

 GY Opsiyonu / *GY Option*

1x



Parça No Part Number	Açıklama / Description	Malzeme Material	Adet Quantity
1	Üst Gövde / Cam Holder	GGG60	1
2	Sürücü / Cam Slider	GGG60	1
3	Alt Gövde / Cam Driver	GGG60	1
4	Üst Plaka / Holder Wear Plate	SAE 430B	1
5	Yan Kol / Positive Return	1.2312	1
6	Yay Tutucu / Spring Guide Block	CK45 HRC±2	1
7	Boynuz / Guide Bar	SAE 430B	1
8	Alt Plaka / Driver Wear Plate	SAE 430B	1
9	Çelik Yay / Coil Spring	----	1
10	Yay Pimi / Spring Pin	Ç1050	1
11	Boynuz Tutucu Kapak / Guide Bar Plate	CK45	1
12	Vulkollan / Stopper	Urethane	1
13	Kilit / Key (KM07-25-50)	CK45	2

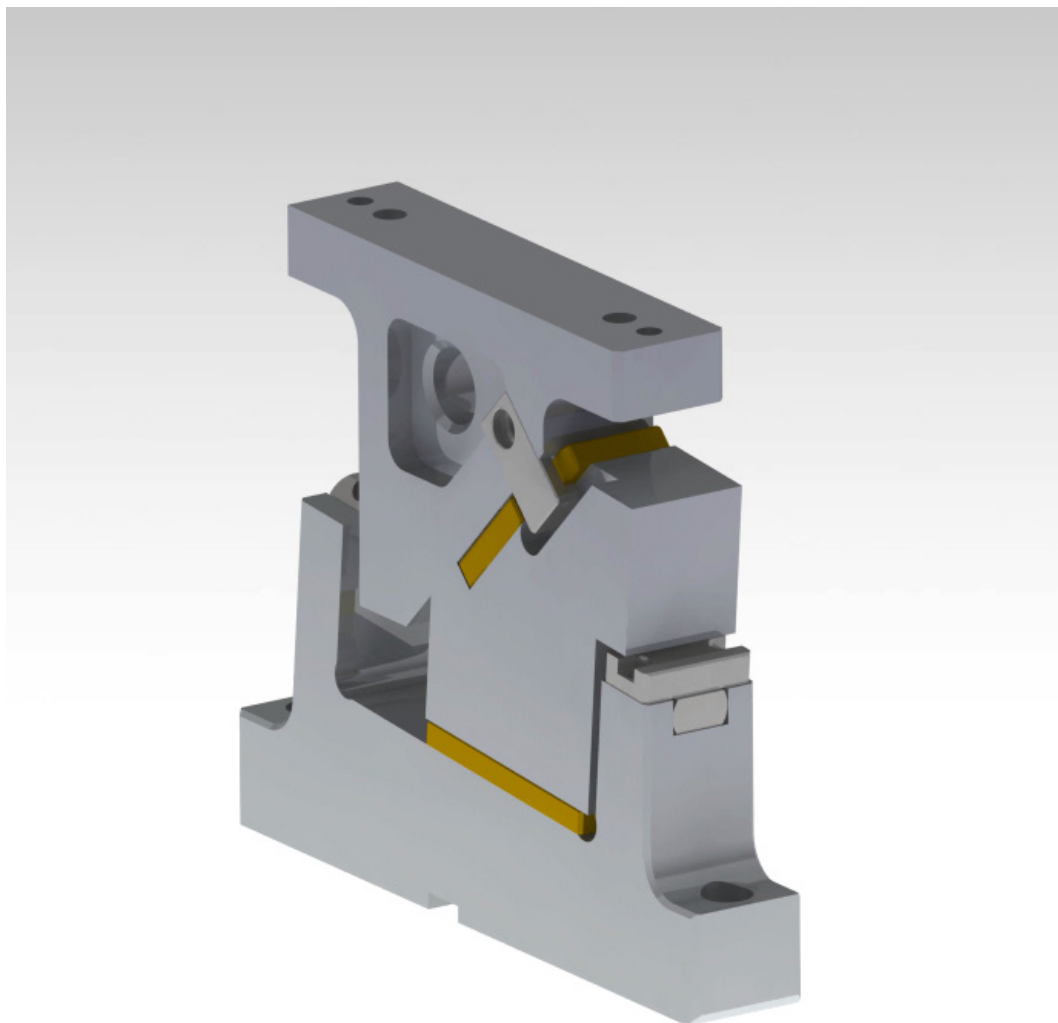


	Kod / Code	(G)	(A)	(S)	Opsiyon/Option
ORDER	AKCD	52	20	55	SU40

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)							
	A	S/Ss	Ps	H	H₁	H₂	B₁	B₂	C
	00		65,5	215	170,00	93,0	0	220,00	210
	05		59,6		195,66	137,8		234,87	225
AKCD-52	10	55	55,0		195,02	156,7	35	244,75	235
	15		51,4	255	193,09	174,6	40	249,51	
	20		48,7		174,89	177,8	55	249,10	240

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)							
	A	c₁	c₂	B	b₁	b₂	b₃	b₄	b₅
	00	160	160	235	45	145	65	105	80
	05	175	175						
AKCD-52	10	185	185						
	15			310	15	280	110	110	130
	20	190	190						

standart
KALIP



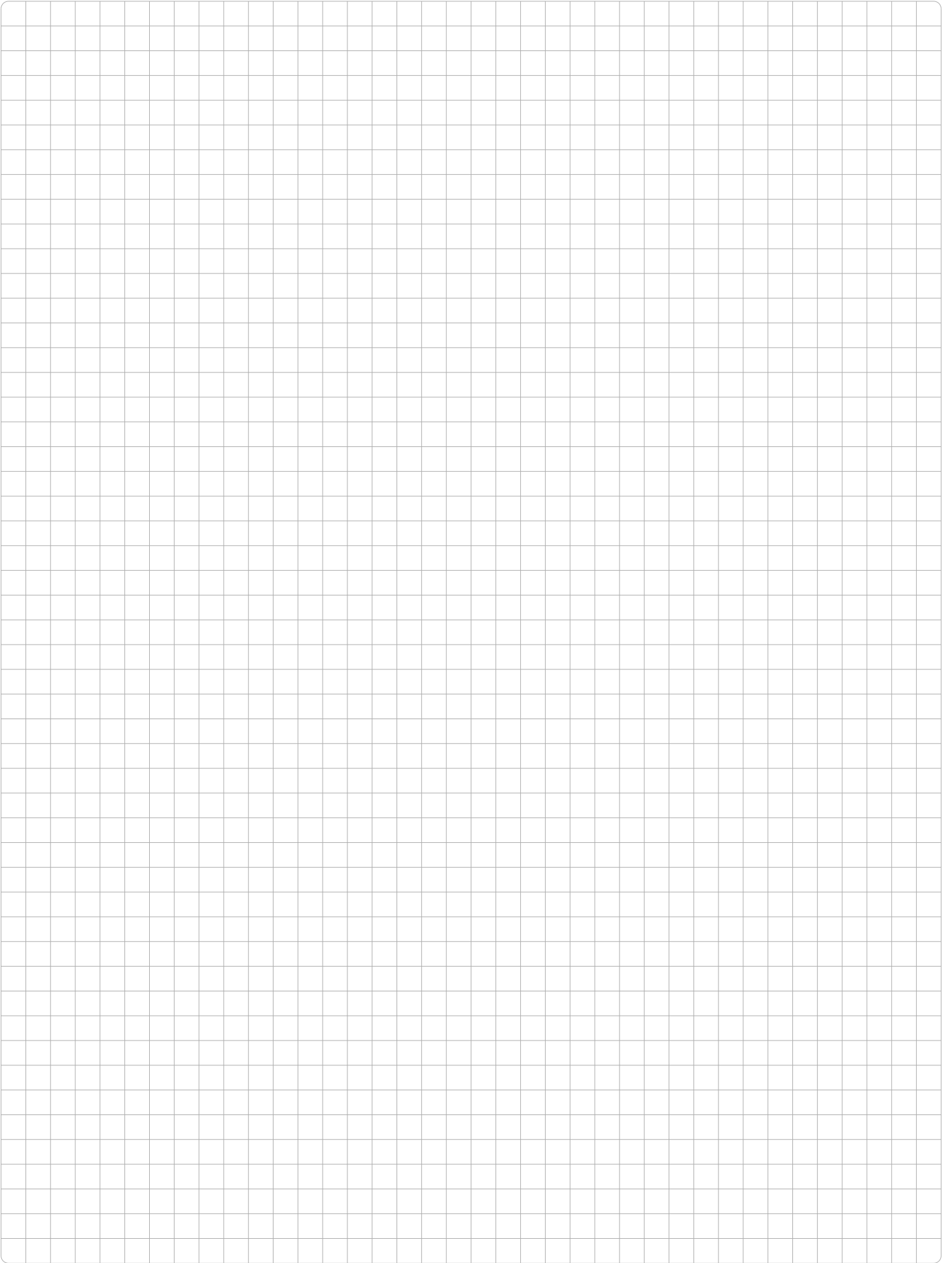
RENAULT



AKMSC

Kam Kodu Cam Code	Sürücü Geniřlięi Slider Width (mm)	Çalıřma Açısı Work Angle (°)	Kapalı Yükseklik Closed Height (mm)	Kam Kursu Cam Travel (mm)	Çalıřma Kuvveti Working Force kN (tonf)		Geri Çekme Kuvveti Return Force N (kgf)	
					300.000 Baskı/Stroke	1.000.000 Baskı/Stroke	Çelik Yay Coil Spring	Gazlı Yay Gas Spring
	(G)	(A)	(H)	(S)	(Fs)		(Fr)	

AKMSC-50	50	0°~15°	215~255	55	26,4 (2,7)		607,6 (62)	
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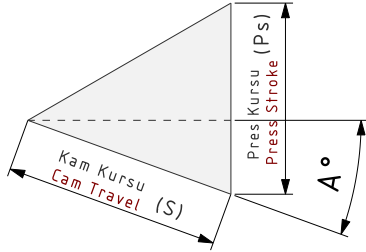




■ AKMSC-50 Bilgilendirme / Information

- Çalışma Kuvveti / Working Force : (300.000 Baskı/Stroke) 26,4kN (2,7tonf)
- Sürücü genişliği / Slider width : 50mm
- Çalışma Açısı / Work Angle : 0°~15°
- Gazlı Yay Opsiyon / Gas Spring Option : GY
- Sipariş Örneği / Order No : AKMSC-50-05-55

■ Kam Diyagram / Cam Diagram

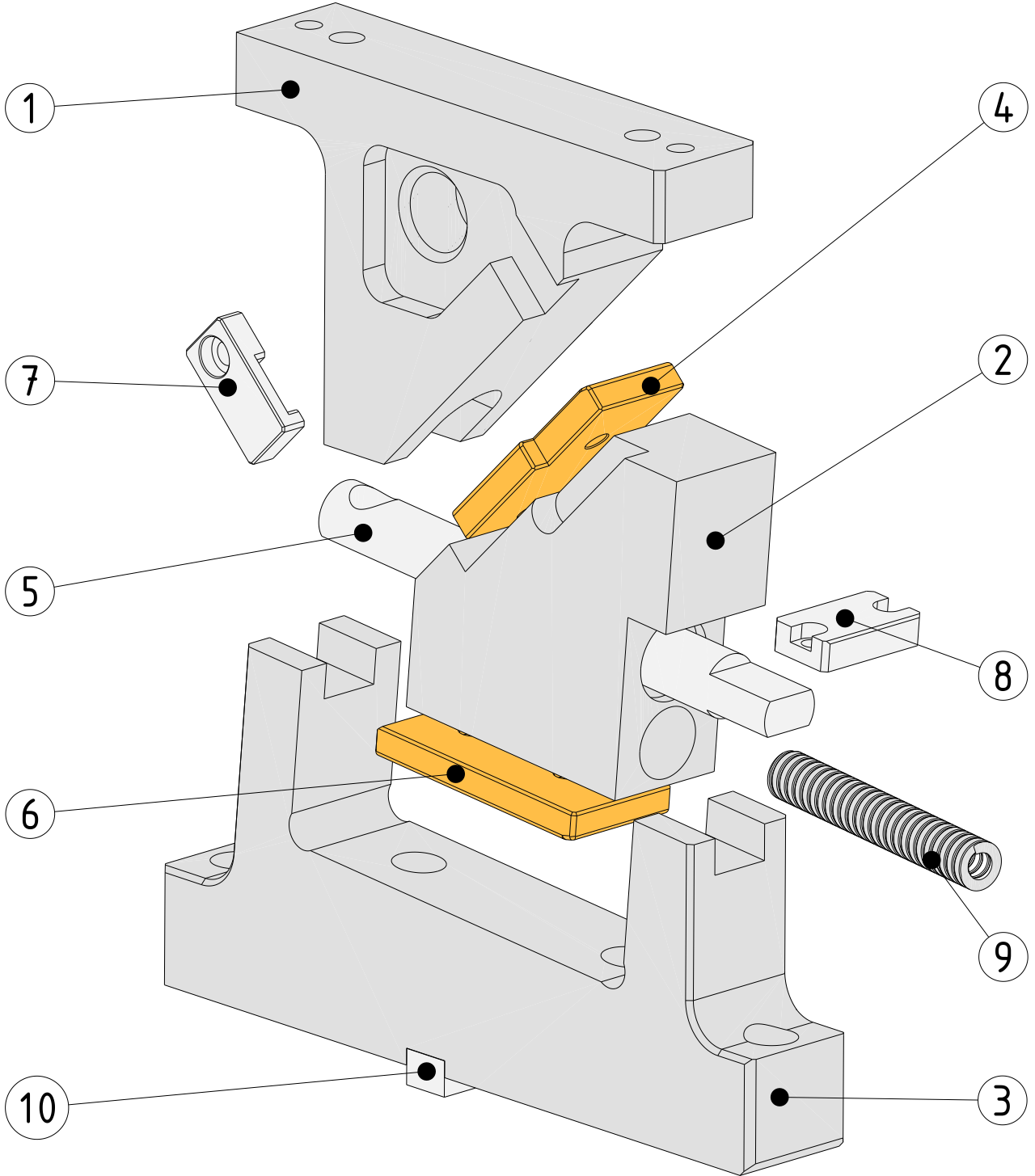


■ Sipariş Örneği / Order No

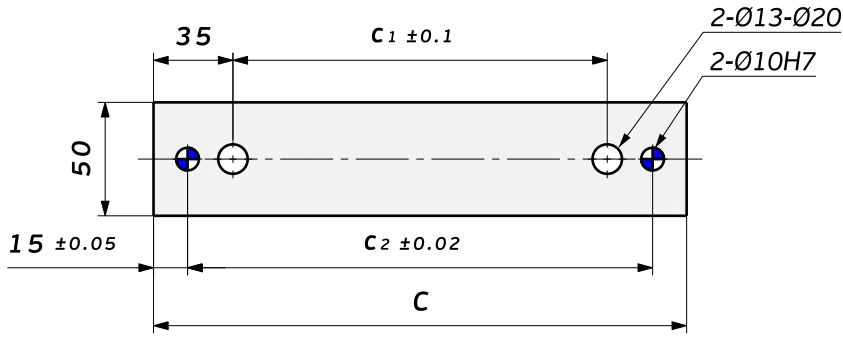
Kam Kodu Cam Code	Sürücü Genişliği Slider Width (mm)	Çalışma Açısı Work Angle (°)	Kurs Travel (mm)	Opsiyon Kodu / Option Code		
	(G)	(A)	(S)	Gazlı Yay Gas Spring	---	---
AKMSC - 50 - 00 - 55						
AKMSC - 50 - 10 - 55 - GY						

■ AKMSC-50 Şartname / Specifications

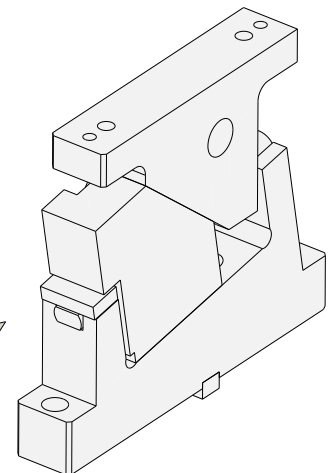
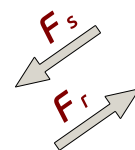
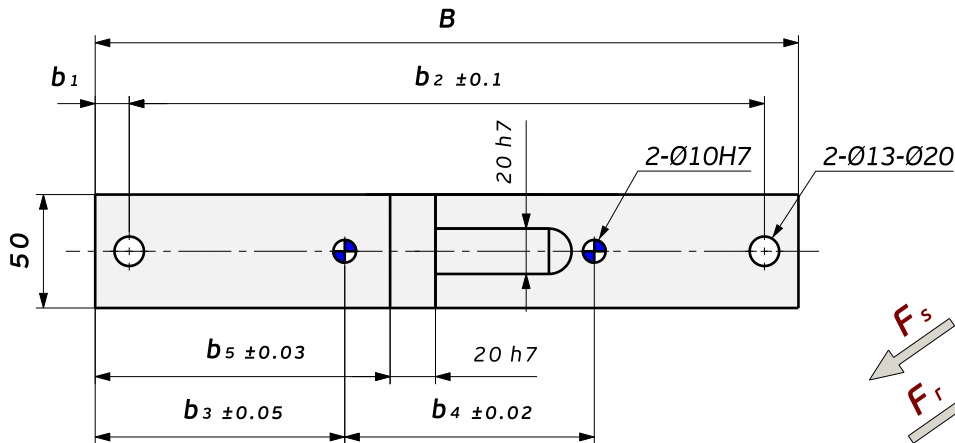
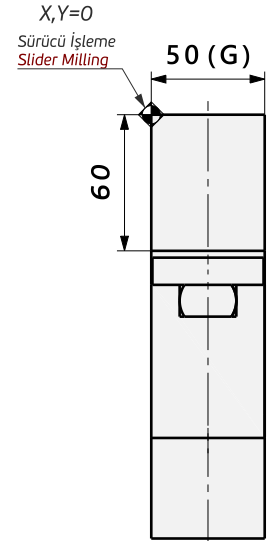
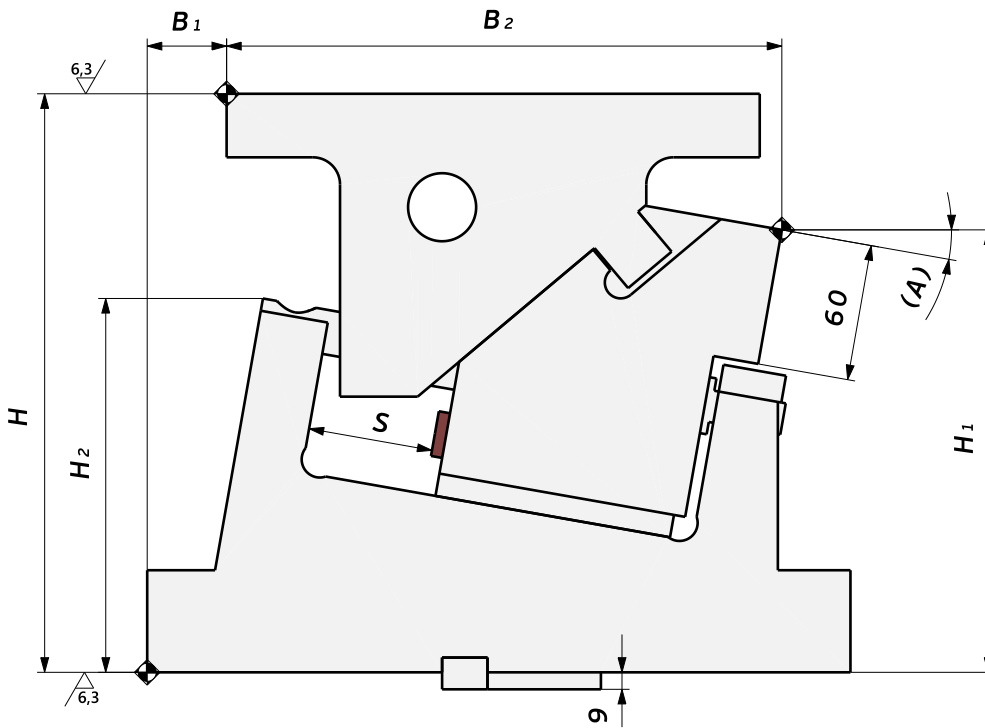
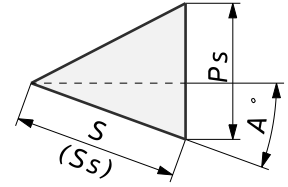
Çalışma Yüzeyi / Mounting Surface (mm)		Çalışma Açısı Work Angle (°)	Kam Kursu/Cam Travel (Stroke mm)	Çalışma Kuvveti Working Force	Yay Kuvveti Spring Force	Gazlı Yay Kuvveti Gas Spring Force Opsiyon/Option
(G)	(Gh)	(A)	(S)			
		00		300.000 Baskı/Stroke		
50	60	05	55	26,4 kN (2,7 tonf)	595,8 N	2510 N
		10		1.000.000 Baskı/Stroke	(60,7 kgf)	(256 kgf)
		15		13,2 kN (1,3 tonf)		



[illegible]



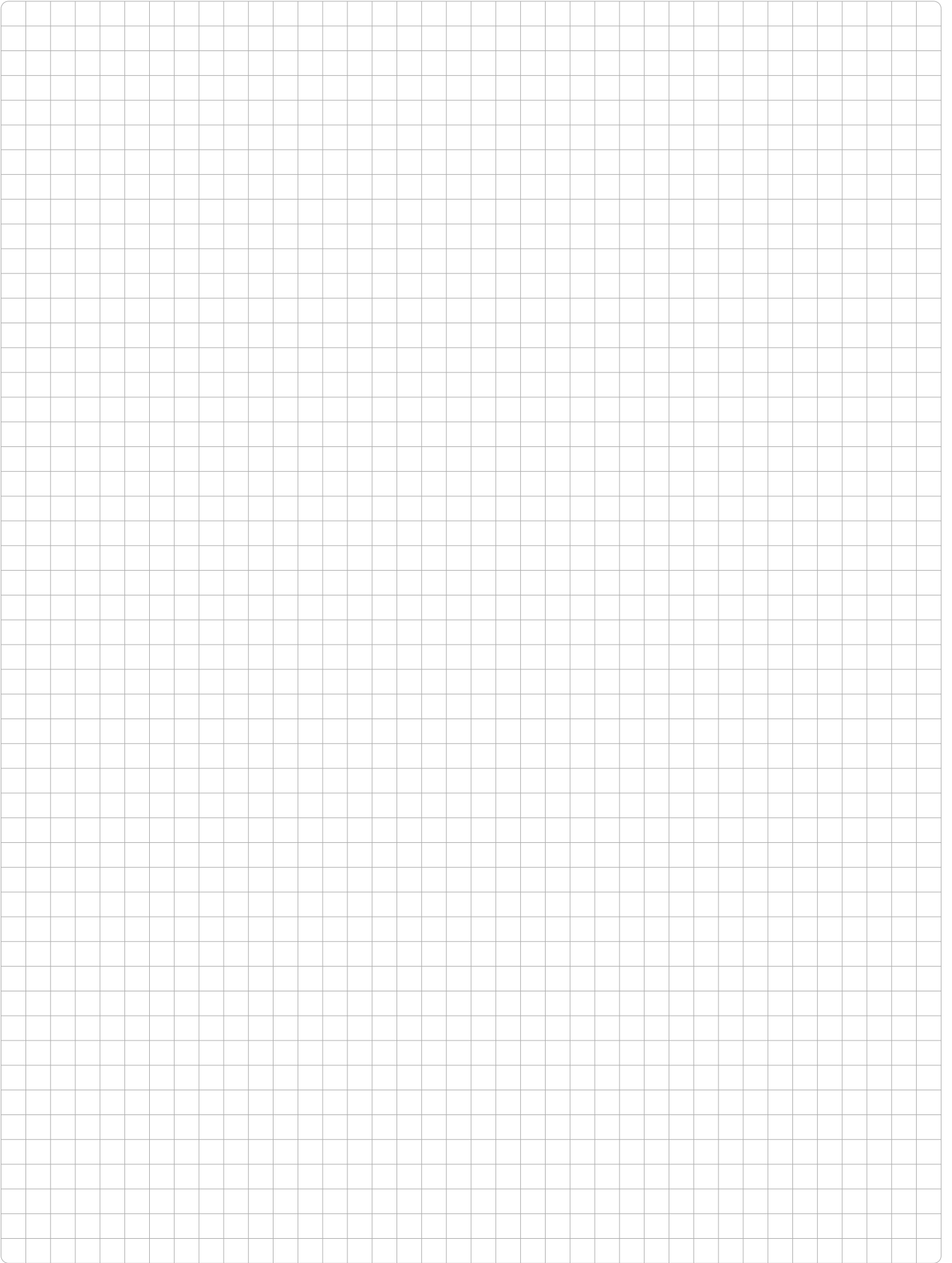
■ Kam Diyagramı / Cam Diagram

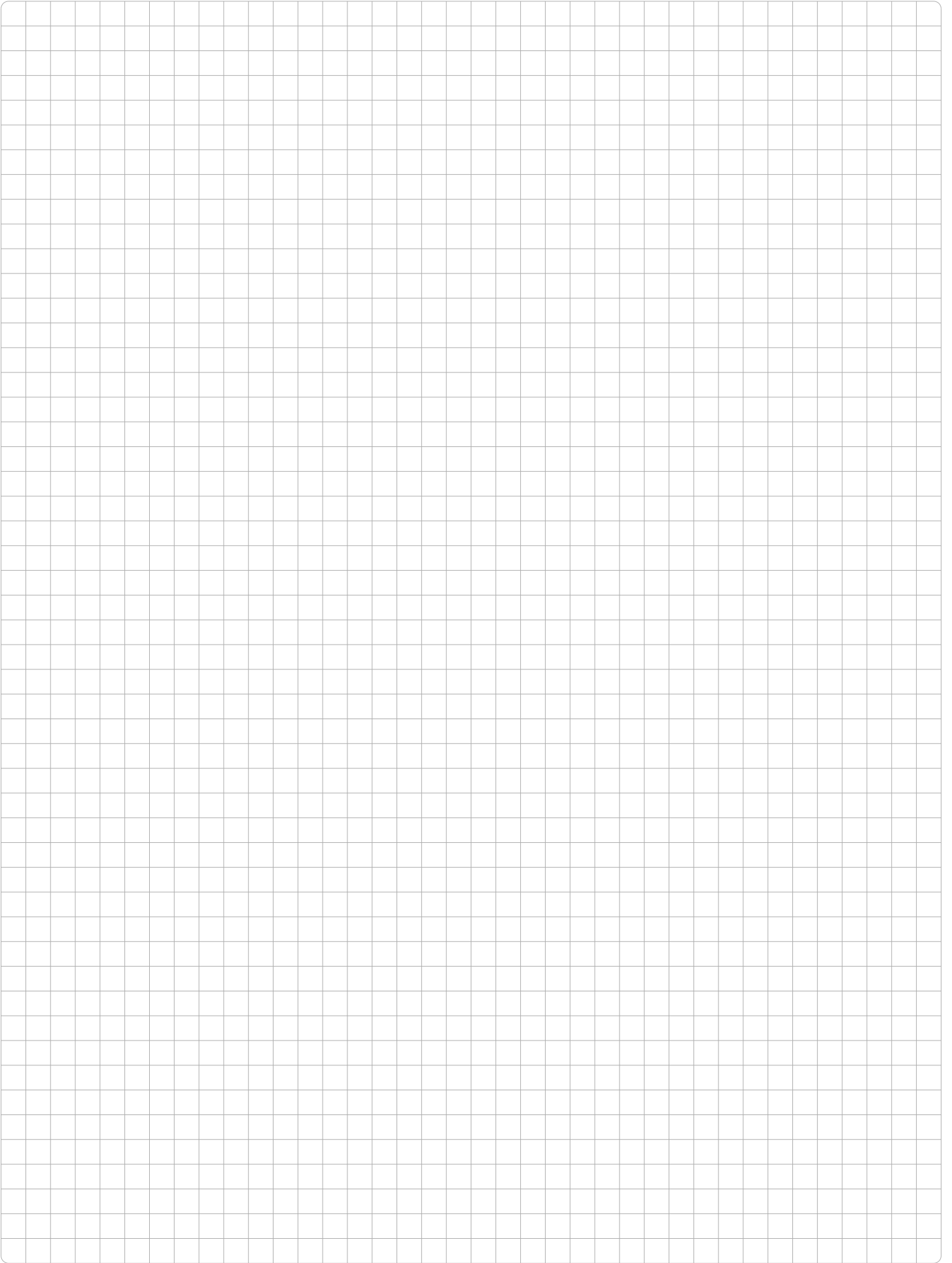


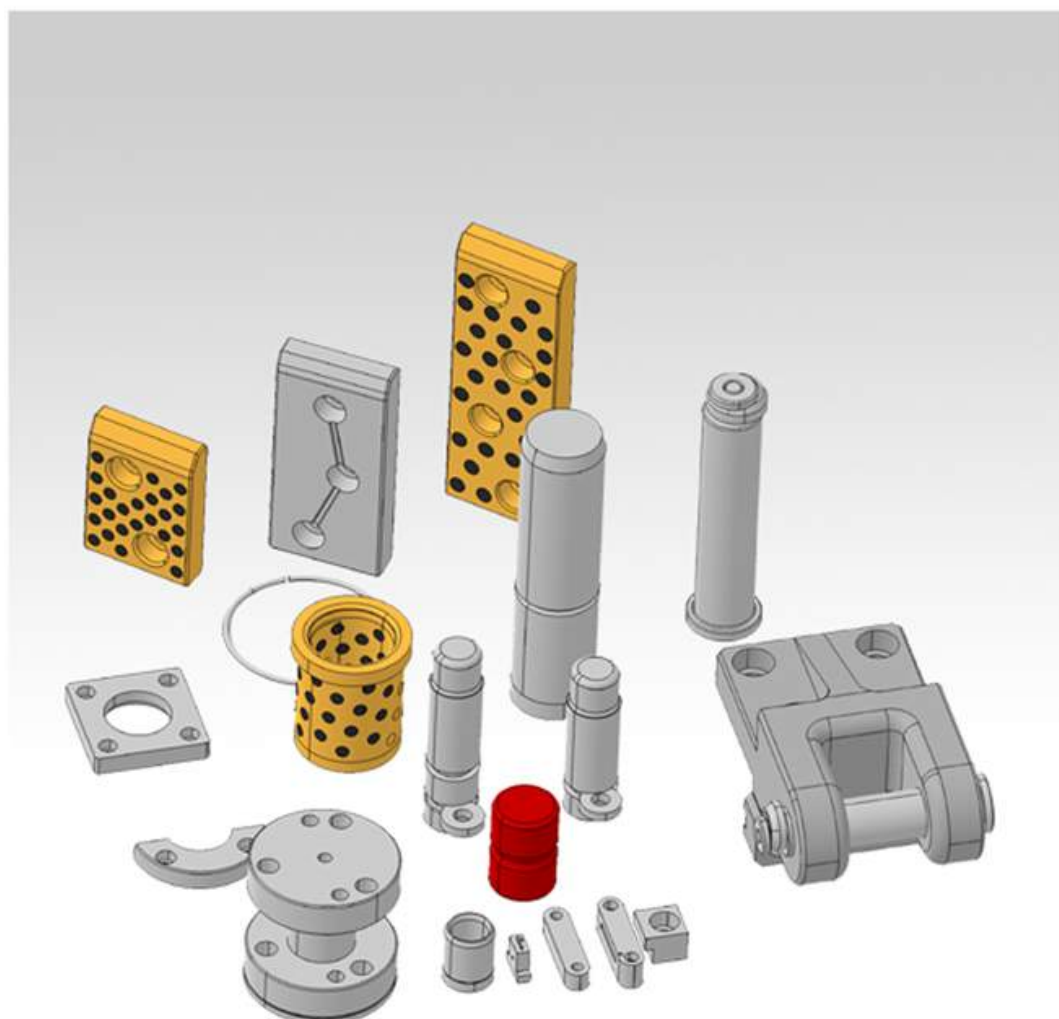
	Kod / Code	(G)	(A)	(S)	Opsiyon/Option
ORDER	AKMSC	50	10	55	GY

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)							
	A	S/Ss	Ps	H	H₁	H₂	B₁	B₂	C
AKMSC-50	00		65,5	215	170,00	100,5	0	220,00	210
	05	55	59,6		195,66	145,6	35	234,87	225
	10		55,0	255	195,02	164,8		244,75	235
	15		51,4		193,09	182,9	40	249,51	240

Kam Kodu Cam Kode	Açı Angle	Ölçüler / Dimensions (mm)							
	A	c₁	c₂	B	b₁	b₂	b₃	b₄	b₅
AKMSC-50	00	140	180	235	45	145	65	105	80
	05	155	195						
	10	165	205	310	15	280	110	110	130
	15	170	210						



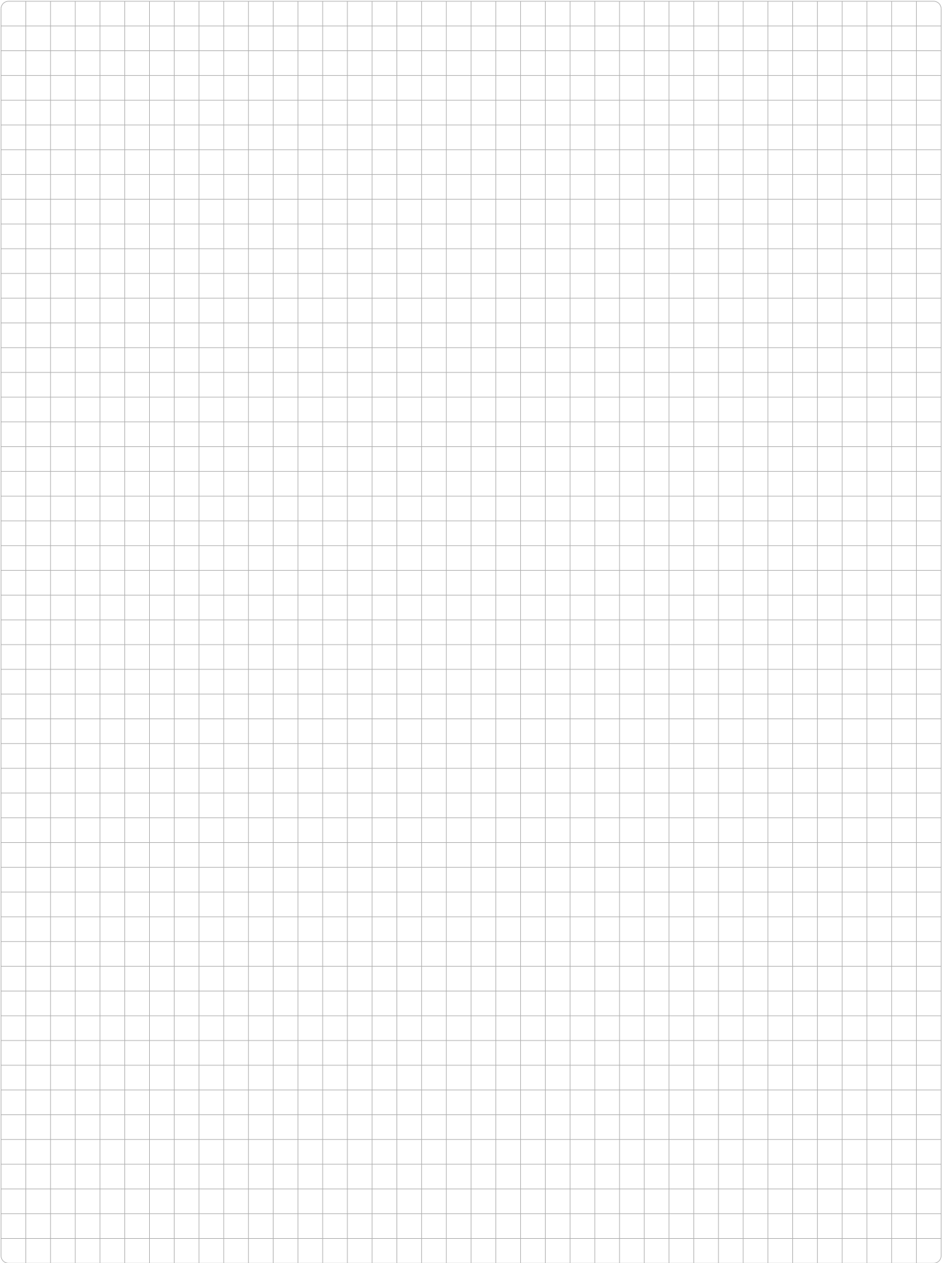


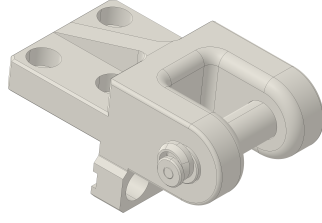


RENAULT

**RENAULT MABEC EM24
STANDARTLARI / *STANDARDS***

2018



RENAULT EM24 STANDARTLARI / STANDARDS**EM24.50**

EM24-50-400/D 3



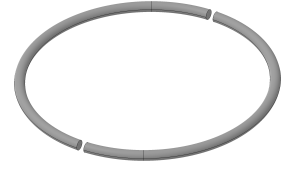
EM24-50-400/D 4

EM24.52

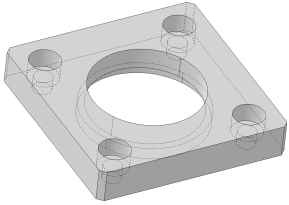
EM24.52.100/J 5



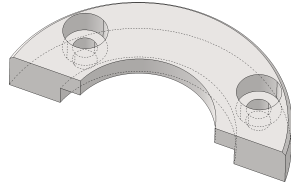
EM24.52.100/J 6



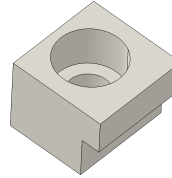
EM24.52.100/J 7



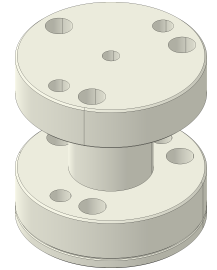
EM24.52.100/J 8



EM24.52.100/J 9



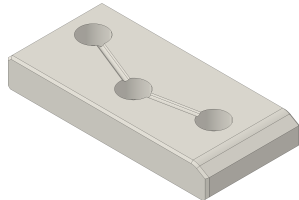
EM24.52.100/J 10



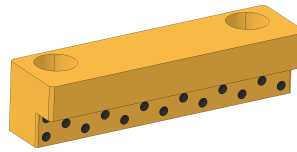
EM24.52.100/J 11



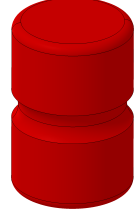
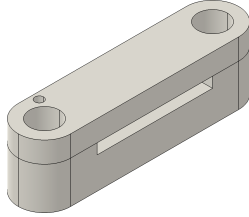
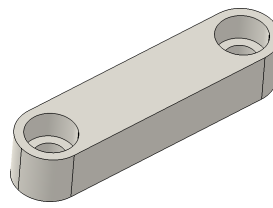
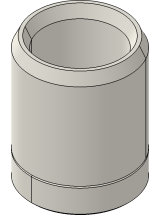
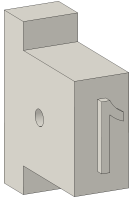
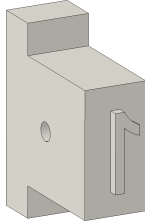
EM24.52.300/C 12



EM24.52.300/C 13



EM24.52.500/B 14

RENAULT EM24 STANDARTLARI / STANDARDS**EM24.55****EM24.55.100/F 15****EM24.55.100/F 16****EM24.55.100/F 17****EM24.59****EM24.59.500/J 18****EM24.59.500/H 19****EM24.59.500/J 20****EM24-59-500/J 21****EM24-59-500/J 22**



Kalıp Taşıma Braketi / Lifting Bracket

● Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges

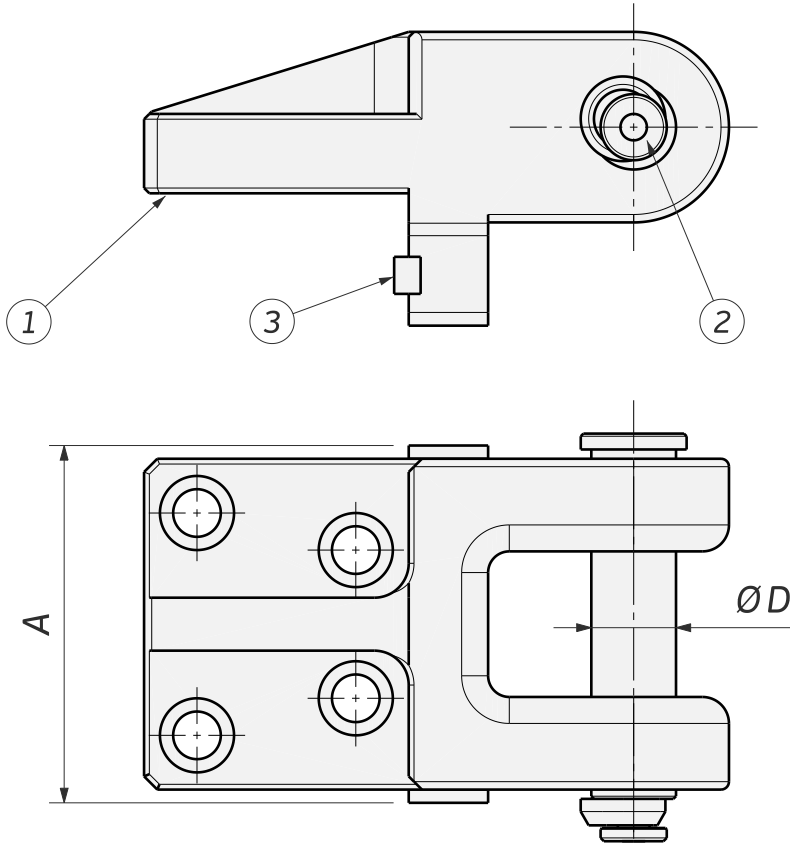
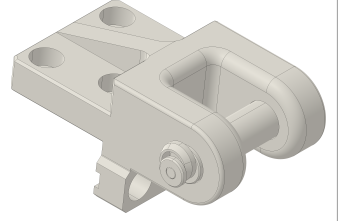
● Malzeme / Material

① CK45 / ST52

② Ç1050 / ST52

③ CK45

● Referans Kod /
Reference Code



RENAULT Kod / Code	Max Yük Max Load (kg)	Max Kalıp Ağırlığı Max Die Weight (kg)	D	A
P953 548 270	4000	8000	32	135
P953 549 070	6300	12600	40	180



Kalıp Taşıma Braketi / Lifting Bracket

● Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges

● Malzeme / Material

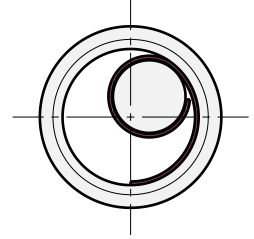
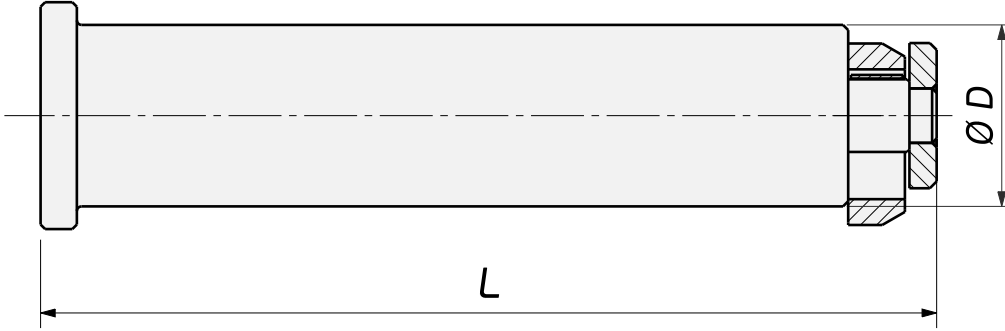
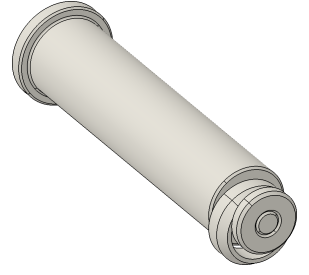
ST52

● Referans Kod / Reference Code

STD / KTP04



Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1



RENAULT Kod / Code	Max Yük Max Load (kg)	Max Kalıp Ağırlığı Max Die Weight (kg)	D	L
R100 609 710	6000	12000	32	154
R100 609 711	9000	18000	40	197,8
R100 448 866	14000	28000	50	247,6
R100 609 712	22500	45000	63	309



Kolon / Guide Post



Not / Note

BT05 & BT05-S (EM24.52.100/J)
Kolon Tutucu ile kullanılır.
Use with BT05 & BT05-S
(EM24.52.100/J) Guide Post Retaining

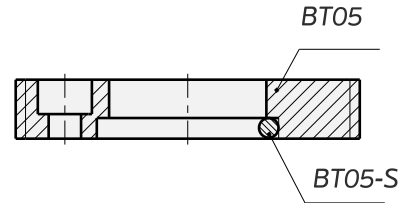
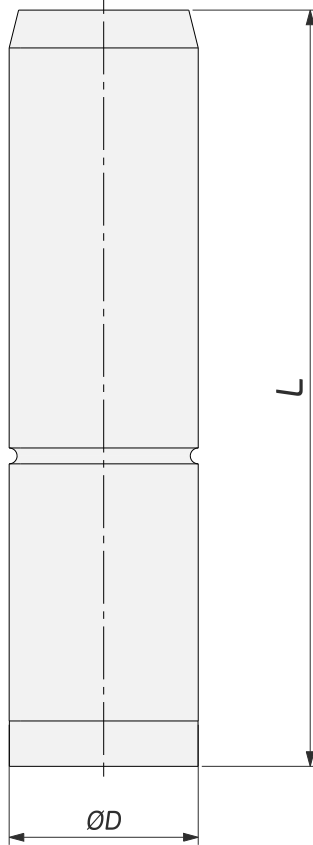


Malzeme / Material

16MnCr5
HRC 60±2

**Referans Kod /
Reference Code**

STD / KK08



RENAULT Kod / Code	D	L
R100 018 363	25	125
P446 116 817		140
P446 116 815	32	160
P446 116 816		200
P446 118 100		224
P446 118 101	50	280
P446 118 701	63	250

RENAULT Kod / Code	D	L
P446 118 707		280
P446 118 702	63	315
P446 119 200		355
P446 119 201	80	400
P446 221 692		450
P446 119 800	100	
P446 118 801		



■ **Burç / Guide Bush**

● **Not / Note**

BT04 (EM24.52.100/J)
Burç Tutucu ile kullanılır.
Use with BT04 (EM24.52.100/J)
Guide Bush Retaining

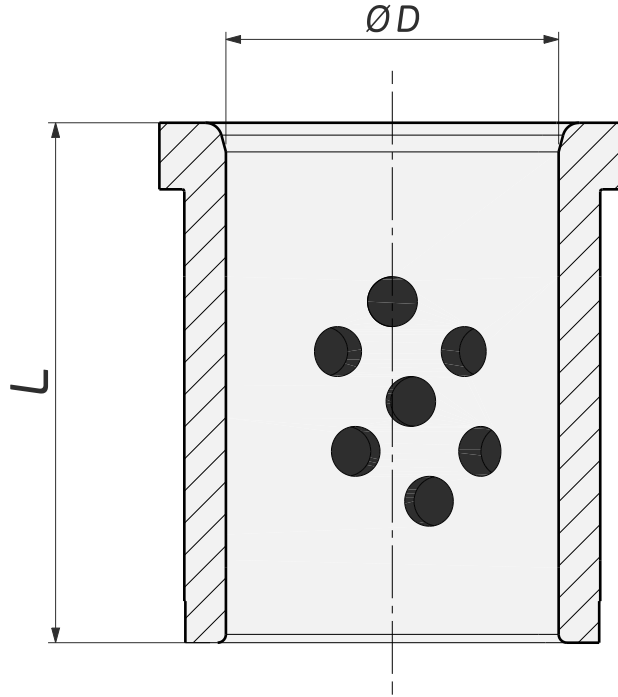
● **Malzeme / Material**

SAE430B (C86300)
HB > 190

Grafitli Bronz
Bronze with Graphite

● **Referans Kod / Reference Code**

STD / GBU042



RENAULT Kod / Code	D	L
R100 018 363	40	63
P446 116 817	50	80
P446 116 815	63	100
P446 116 816	80	125
P446 118 100	100	160



Kolon Tutucu Segman / Guide Post Retaining Ring

● Not / Note

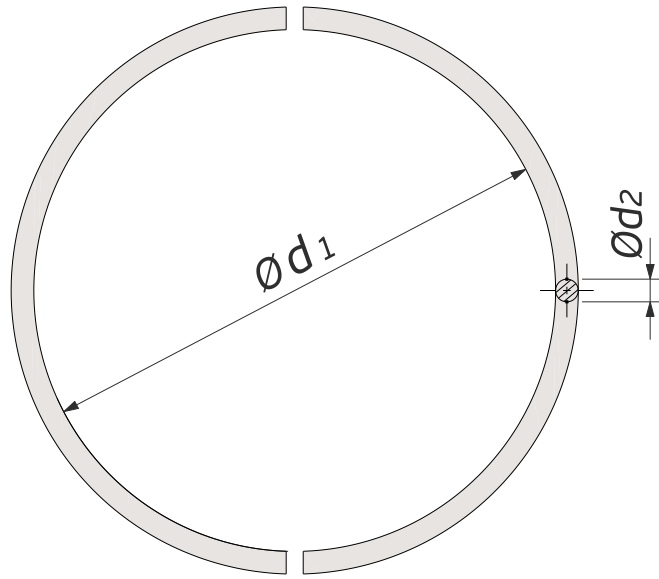
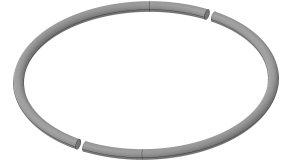
KK08 (EM24.52.100/J) Kolon
ile kullanılır.
Use with KK08 (EM24.52.100/J)
Guide Post

● Malzeme / Material

ST37

● Referans Kod /
Reference Code

STD / BT05-S



RENAULT Kod / Code	Kolon Çapı Guide Post ØD	Ød1	Ød2
P446 180 200	25	22,5	2,5
P446 180 300	32	28	
P446 180 400	40	36	4
P446 180 500	50	46	
P446 180 600	63	57	
P446 180 700	80	74	6
P446 180 800	100	94	



■ **Kolon Tutucu / Guide Post Retaining**

● **Not / Note**

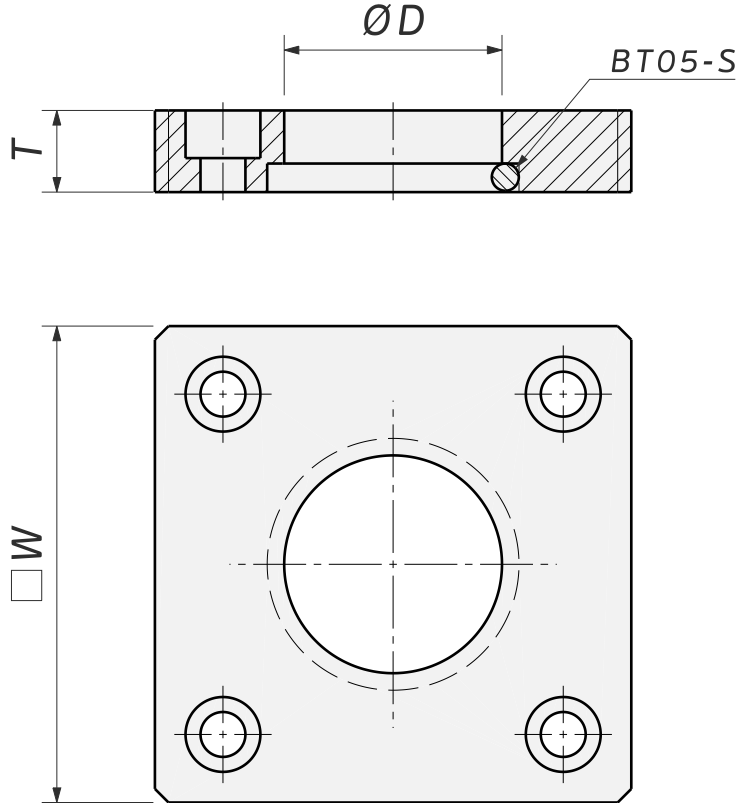
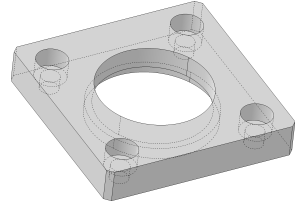
KK08 (EM24.52.100/J) Kolon
ile kullanılır.
Use with KK08 (EM24.52.100/J)
Guide Post

● **Malzeme / Material**

CK45

● **Referans Kod /
Reference Code**

STD / BT05



RENAULT Kod / Code	Kolon Çapı Guide Post	D	W	T
P483 784 100	25		45	10
P483 784 600	32		56	
P483 795 100	40		70	12
P483 795 401	50		80	14
P483 795 801	63		100	18
P483 796 001	80		110	
P483 796 401	100		140	20



Burç Tutucu / Guide Bush Retaining

● Not / Note

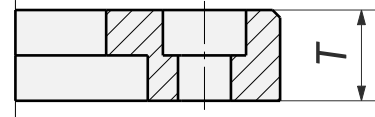
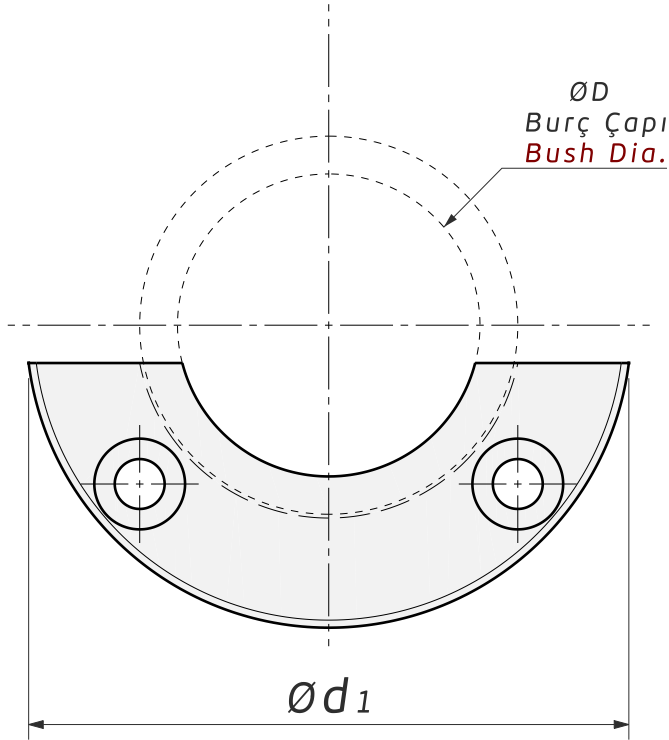
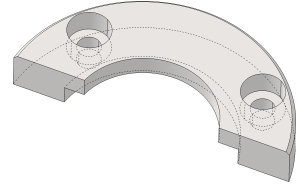
GBU042 (EM24.52.100/J) Burç
ile kullanılır.
Use with GBU042 (EM24.52.100/J)
Guide Bush

● Malzeme / Material

CK45

● Referans Kod /
Reference Code

STD / BT04



RENAULT Kod / Code	Burç Çapı Guide Bush	D	d ₁	T
M321 534 500	25		72	10
M321 544 501	32		80	12
M321 548 500	40		100	16
M321 552 601	50		125	20
M321 556 601	63		140	25
M321 560 601	80		180	32
M321 562 700	100		200	



Burç Tutucu / Guide Bush Retaining

● Not / Note

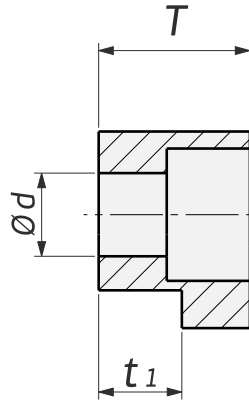
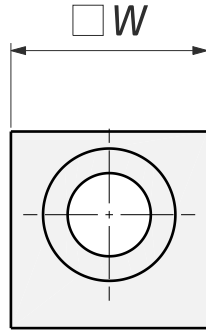
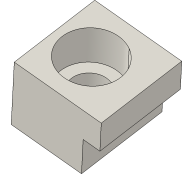
GBU043 (EM24.52.100/J) Burç
ile kullanılır.
Use with GBU043 (EM24.52.100/J)
Guide Bush

● Malzeme / Material

CK45

● Referans Kod /
Reference Code

STD / BT11



RENAULT Kod / Code	W	T	t ₁	d
R100 171 981	18	12	8	6,5
R100 171 995	22	16	10	9
R100 171 998		20	12	
R100 172 000	26	25	16	11
R100 172 001		32	20	



Konik Merkezleme Ünitesi / Locating Cone

● Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges

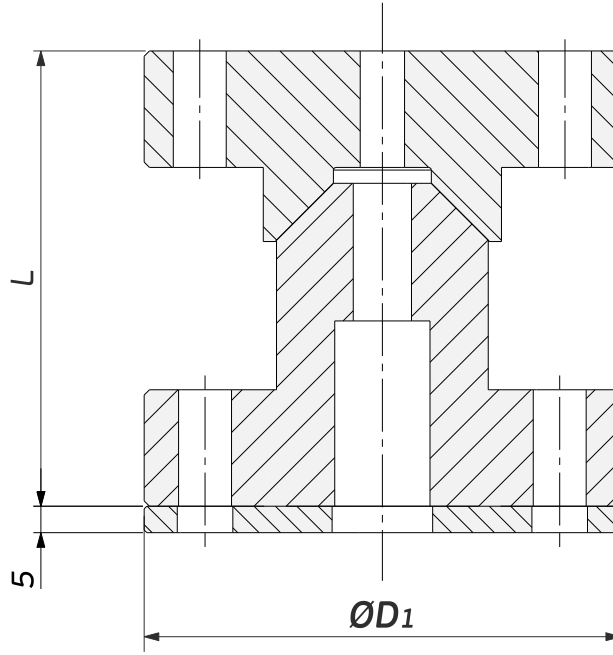
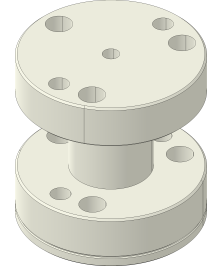
Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

● Malzeme / Material

- ① 1.2379 (X155CrMo12)
- ② HRC 60±2
- ③ Ç1050 / ST52

● Referans Kod /
Reference Code

STD / KKS07



RENAULT Kod / Code	D1	L
R901 138 222	90	86
R901 138 223	110	



■ Sürtünme Plakası / Wear Plate

● Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

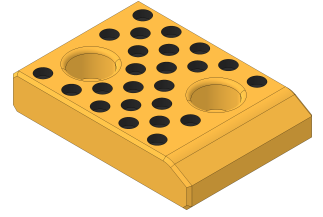
● Malzeme / Material

SAE430B (C86300)
HB > 190

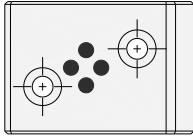
Grafitli Bronz
Bronze with Graphite

● Referans Kod / Reference Code

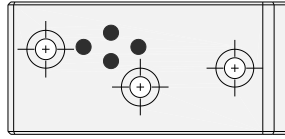
STD / SPB41



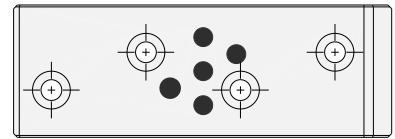
FORM A



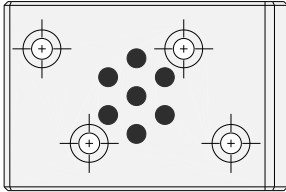
FORM B



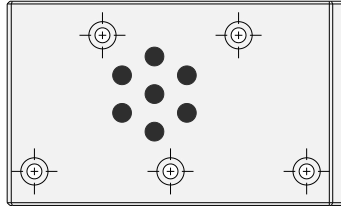
FORM C



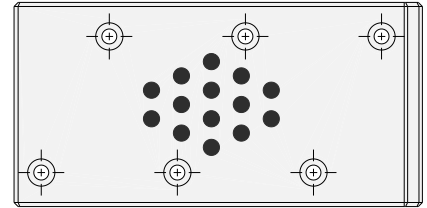
FORM D



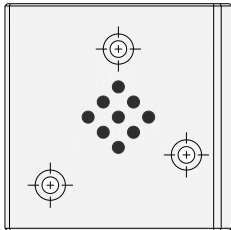
FORM E



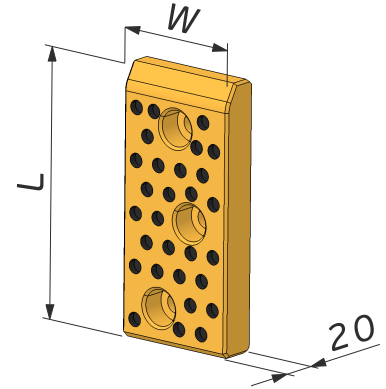
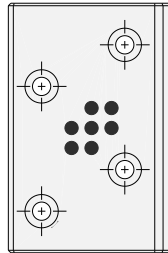
FORM F



FORM G



FORM H



RENAULT Kod / Code	W	L	Form
R100 092 843		100	A
R100 092 844	70	150	B
R100 092 845		200	C
R100 092 846		100	G
R100 092 883	100	150	D
R100 092 884		200	C
R100 092 885		250	E

RENAULT Kod / Code	W	L	Form
R100 092 886	100	300	F
R100 092 887		100	H
R100 092 888		150	D
R100 092 890	150	200	C
R100 092 893		250	E
R100 092 894		300	F
R100 092 895	200	100	H

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■ Sürtünme Plakası / Wear Plate

● Not / Note

Tüm köşelere pah kırılacaktır
Break all sharp edges

● Malzeme / Material

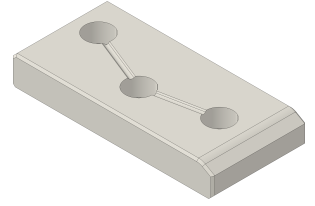
1.7225 (42CrMo4)
HRC 60±2

● Referans Kod / Reference Code

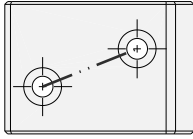
STD / SPS42A



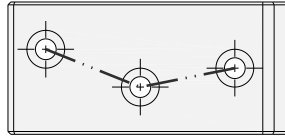
Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1



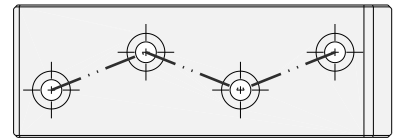
FORM A



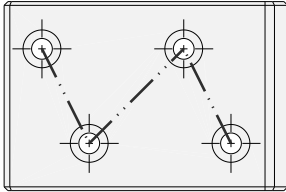
FORM B



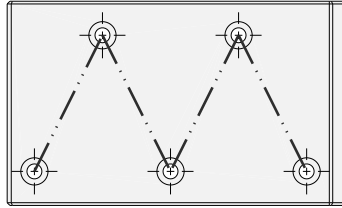
FORM C



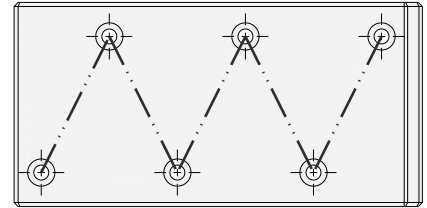
FORM D



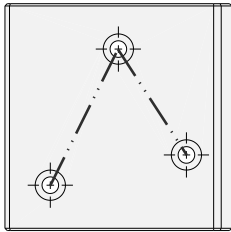
FORM E



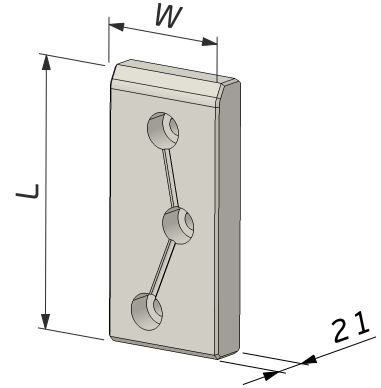
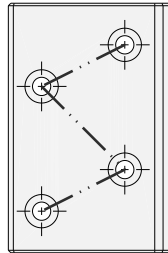
FORM F



FORM G



FORM H



RENAULT Kod / Code	W	L	Form
P446 625 854		100	A
P446 626 556	70	150	B
P446 627 059		200	C
P446 625 855		100	G
P446 626 559	100	150	D
P446 627 060		200	C
P446 627 454		250	E

RENAULT Kod / Code	W	L	Form
P446 627 754	100	300	F
P446 626 560		100	H
P446 626 561		150	D
P446 627 061	150	200	C
P446 627 455		250	E
P446 627 755		300	F
P446 627 062	200	100	H

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■ **L Sürtünme Plakası / L Wear Plate**

● **Not / Note**

Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

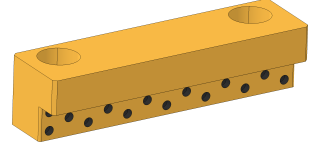
● **Malzeme / Material**

SAE430B (C86300)
HB > 190

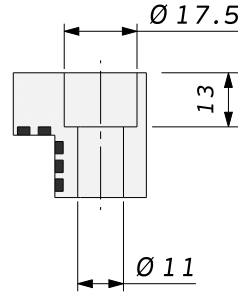
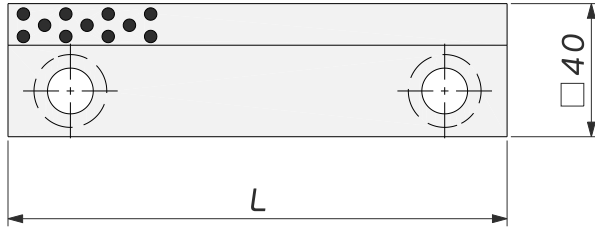
Grafitli Bronz
Bronze with Graphite

● **Referans Kod / Reference Code**

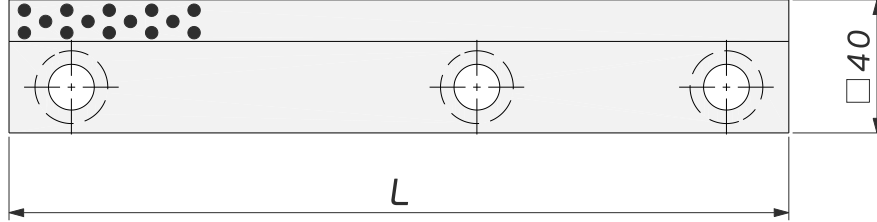
STD / SPL05



FORM A



FORM B



RENAULT Kod / Code	FORM	L
M764 523 702	A	160
M764 523 701	B	250



Kalıp Askı Broşu / Retainer Pin

● Not / Note

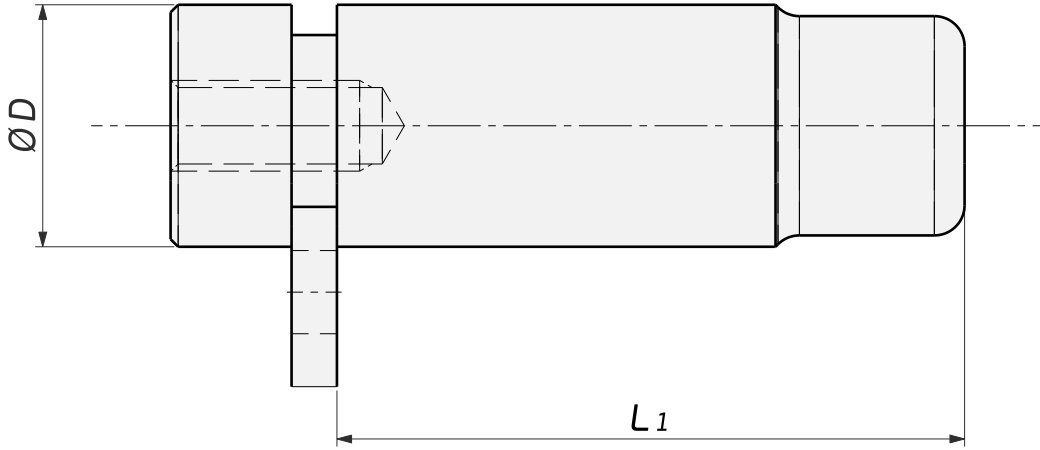
DHK (EM24.55.100/F)
ile kullanılır.

Use with DHK (EM24.55.100/F)

● Malzeme / Material

Ç1050

● Referans Kod /
Reference Code



RENAULT Kod / Code	ØD	L ₁
R100 306 188	20	81
R100 306 190	25	98
R100 306 191	32	103
R100 306 194	32	148
R100 306 198	40	132

RENAULT Kod / Code	ØD	L ₁
R100 306 204	40	192
R100 306 207	50	165
R100 306 209	63	220
R100 306 210	63	210
R100 306 213	80	250
R100 357 232	80	210



Kalıp Askı Broşu / Retainer Pin

● Not / Note

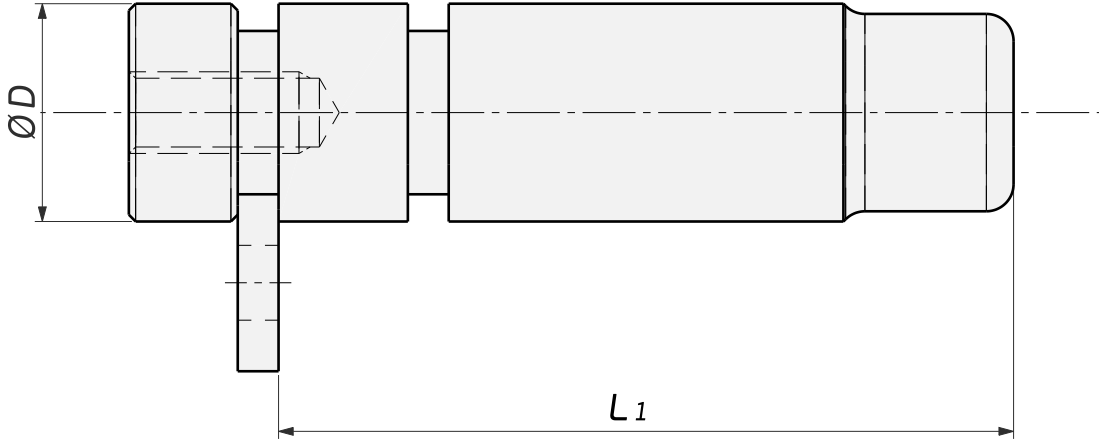
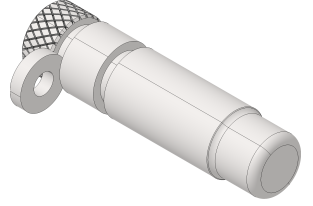
DHK (EM24.55.100/F)
ile kullanılır.

Use with DHK (EM24.55.100/F)

● Malzeme / Material

Ç1050

● Referans Kod /
Reference Code



RENAULT Kod / Code	ØD	L ₁
R100 306 215	25	81
R100 306 217		98
R100 306 218	32	103
R100 306 219		148
R100 306 220	40	132

RENAULT Kod / Code	ØD	L ₁
R100 306 221	40	192
R100 306 223	50	165
R100 306 225		220
R100 306 226	63	210
R100 306 227		250



■ **Darbe Hız Kesici / Shock Absorber**

● **Not / Note**

KAB (EM24.55.100/F)
ile kullanılır.

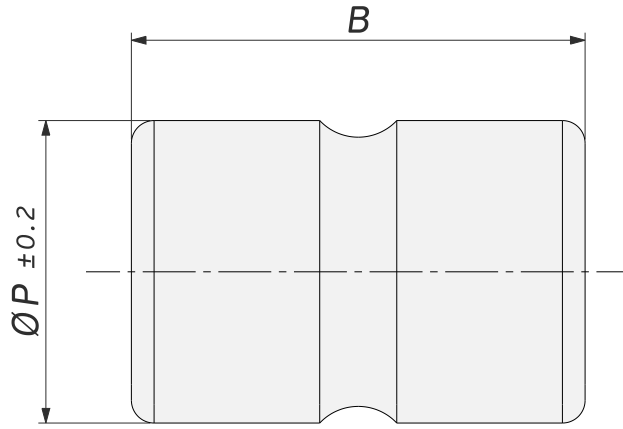
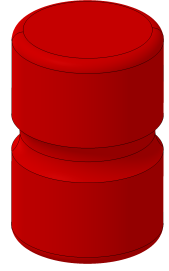
Use with KAB (EM24.55.100/F)

● **Malzeme / Material**

Elastomer
92 Shore

● **Referans Kod / Reference Code**

STD / DHK



RENAULT Kod / Code	KAB Çapı Retainer Pin	ØD	ØP	B
X346 566 000	20		25	45
X346 566 801	25		32	50
X346 567 400	32		40	60
X346 568 100	40		50	70
X346 568 700	50		63	80
X346 569 201	63		80	90



■ **Numaratör Tutucu / Stamp Retainer**

● **Not / Note**

Tüm köşelere pah kırılacaktır
Break all sharp edges

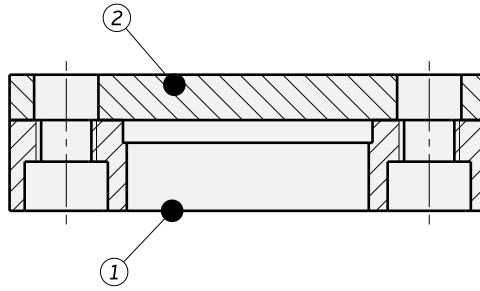
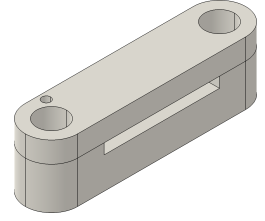
● **Malzeme / Material**

① CK45
②

● **Referans Kod / Reference Code**



Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1



RENAULT Kod / Code	G	N°
R100 050 232	47	4
R100 197 803	55	6
R100 050 234	63	8
R100 352 214	71	10



Numaratör Tutucu Plaka / Stamp Backing Plate

● **Not / Note**

Tüm köşelere pah kırılacaktır
Break all sharp edges

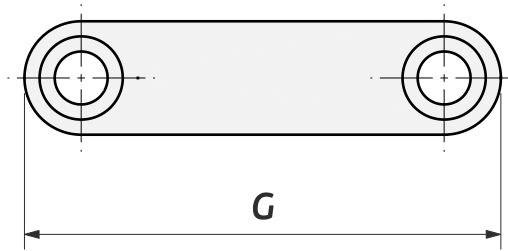
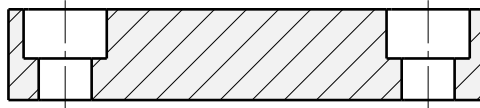
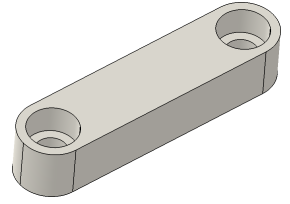
● **Malzeme / Material**

CK45

● **Referans Kod / Reference Code**



Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1



RENAULT Kod / Code	G	N°
R100 050 235	47	4
R100 197 805	55	6
R100 050 236	63	8
R100 352 230	71	10



■ **Merkezleme Zımbası / Locator Setting Punch**

● **Not / Note**

Tüm köşelere pah kırılacaktır
Break all sharp edges

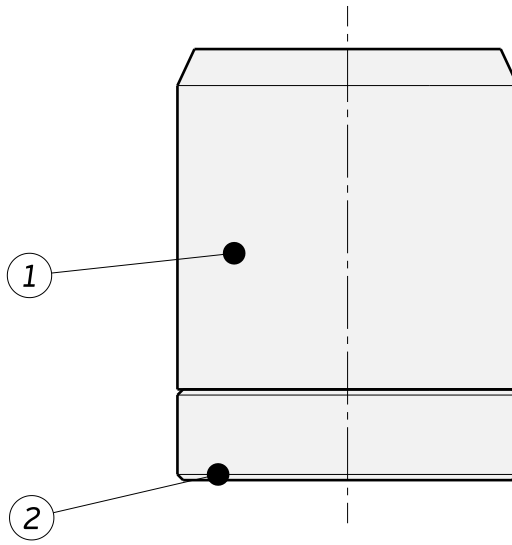
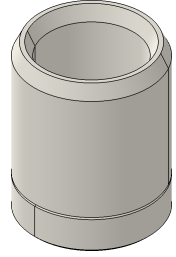
Toleranssız tüm ölçüler
EN 22768-1 standartlarında
*All dimensions without tolerance
as per EN 22768-1*

● **Malzeme / Material**

① 1.2080 (X205Cr12KU)
HRC 60±2

② CK45

● **Referans Kod / Reference Code**



RENAULT Kod / Code

P785 283 005



Numaratör / Stamp

Not / Note

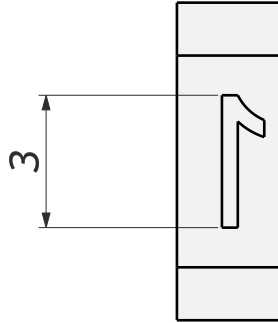
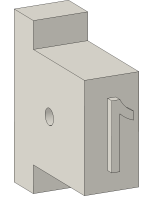
Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

Malzeme / Material

1.2379 (X153CrMoV12)
HRC 56±2

Referans Kod / Reference Code



RENAULT Kod / Code	Değer Stamp
P785 154 003	0
P785 154 103	1
P785 154 203	2
P785 154 303	3
P785 154 403	4
P785 154 503	5
P785 154 603	6 / 9
P785 154 703	7
P785 154 803	8
P785 155 003	I / Spacer
P785 155 300	A
P785 155 301	B

RENAULT Kod / Code	Değer Stamp
P785 155 302	C
P785 155 303	D
P785 155 304	E
P785 155 305	F
P785 155 306	G
P785 155 307	H
P785 155 308	J
P785 155 309	K
P785 155 310	L
P785 155 311	M
P785 155 312	N
P785 155 313	O

RENAULT Kod / Code	Değer Stamp
P785 155 314	P
P785 140 950	Q
P785 140 951	R
P785 140 952	S
P785 140 953	T
P785 140 954	U
P785 140 955	V
P785 140 956	W
P785 140 957	X
P785 140 958	Y
P785 140 959	Z



Numaratör / Stamp

● **Not / Note**

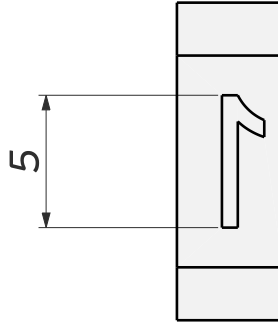
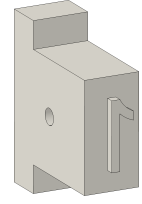
Tüm köşelere pah kırılacaktır
Break all sharp edges

Toleranssız tüm ölçüler
EN 22768-1 standartlarında
All dimensions without tolerance
as per EN 22768-1

● **Malzeme / Material**

1.2379 (X153CrMoV12)
HRC 56±2

● **Referans Kod / Reference Code**



RENAULT Kod / Code	Değer Stamp
P785 150 002	0
P785 150 102	1
P785 150 202	2
P785 150 302	3
P785 150 402	4
P785 150 502	5
P785 150 602	6 / 9
P785 150 702	7
P785 150 802	8
P785 289 002	Spacer
P785 151 302	A
P785 151 402	B

RENAULT Kod / Code	Değer Stamp
P785 151 502	C
P785 151 602	D
P785 151 702	E
P785 151 802	F
P785 151 902	G
P785 152 002	H
P785 152 202	J
P785 152 302	K
P785 152 402	L
P785 152 503	M
P785 152 602	N
P785 150 002	O

RENAULT Kod / Code	Değer Stamp
P785 152 802	P
P785 152 902	Q
P785 153 002	R
P785 153 102	S
P785 153 202	T
P785 153 302	U
P785 153 402	V
P785 153 502	W
P785 153 602	X
P785 153 702	Y
P785 153 802	Z

