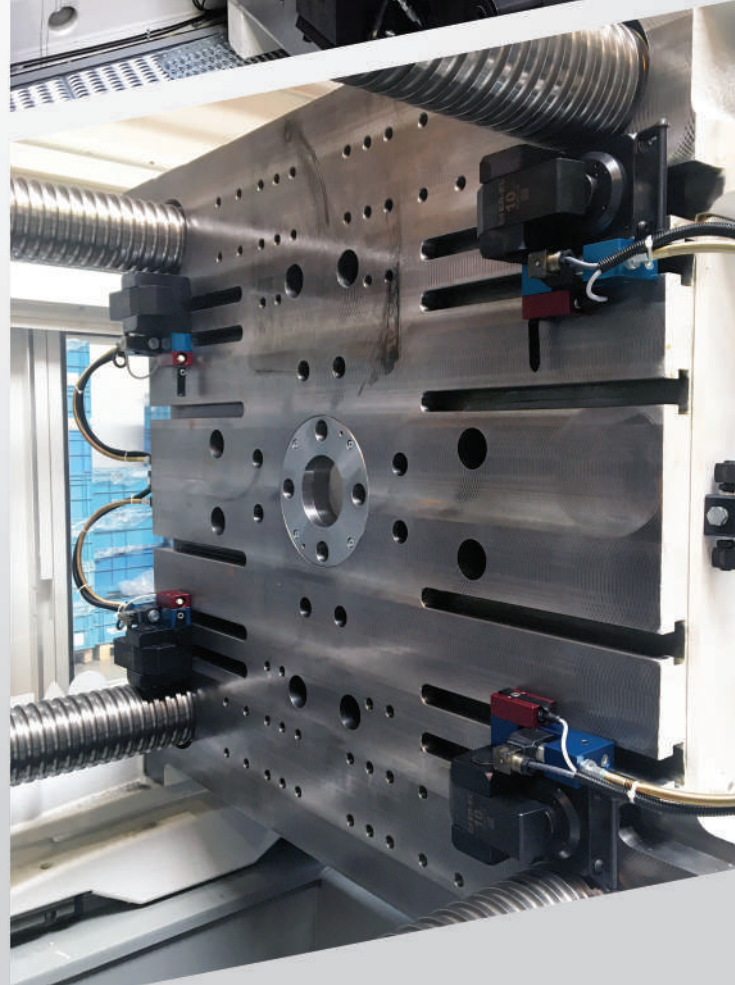
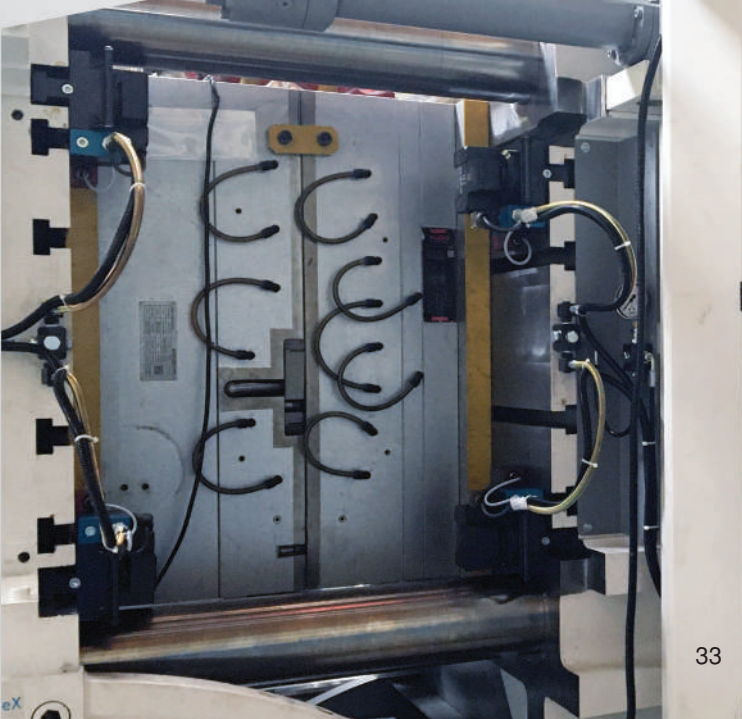
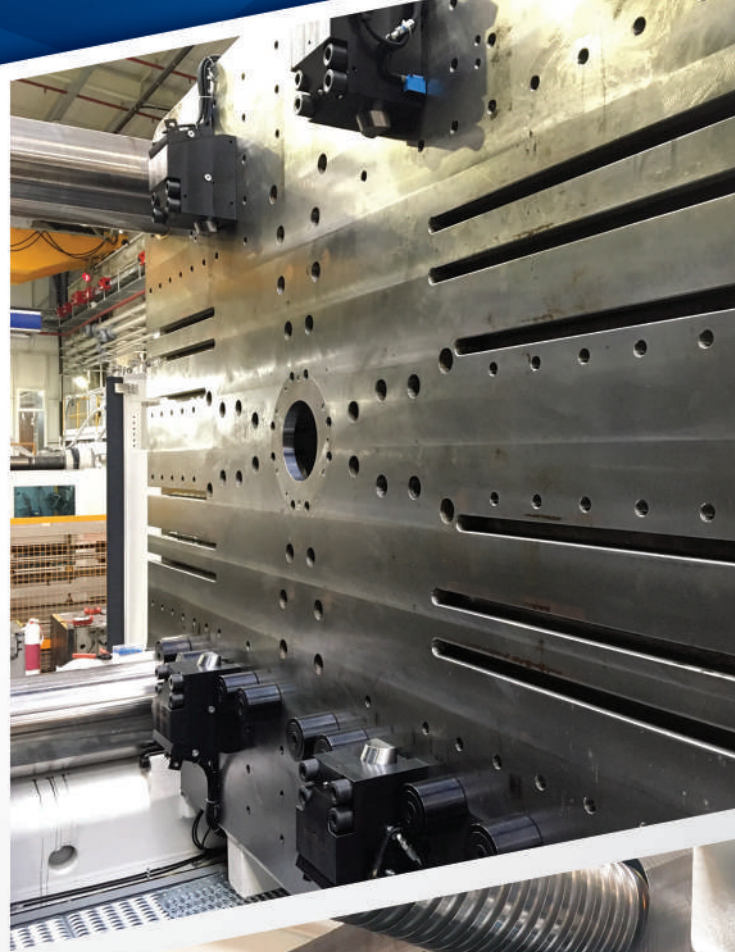
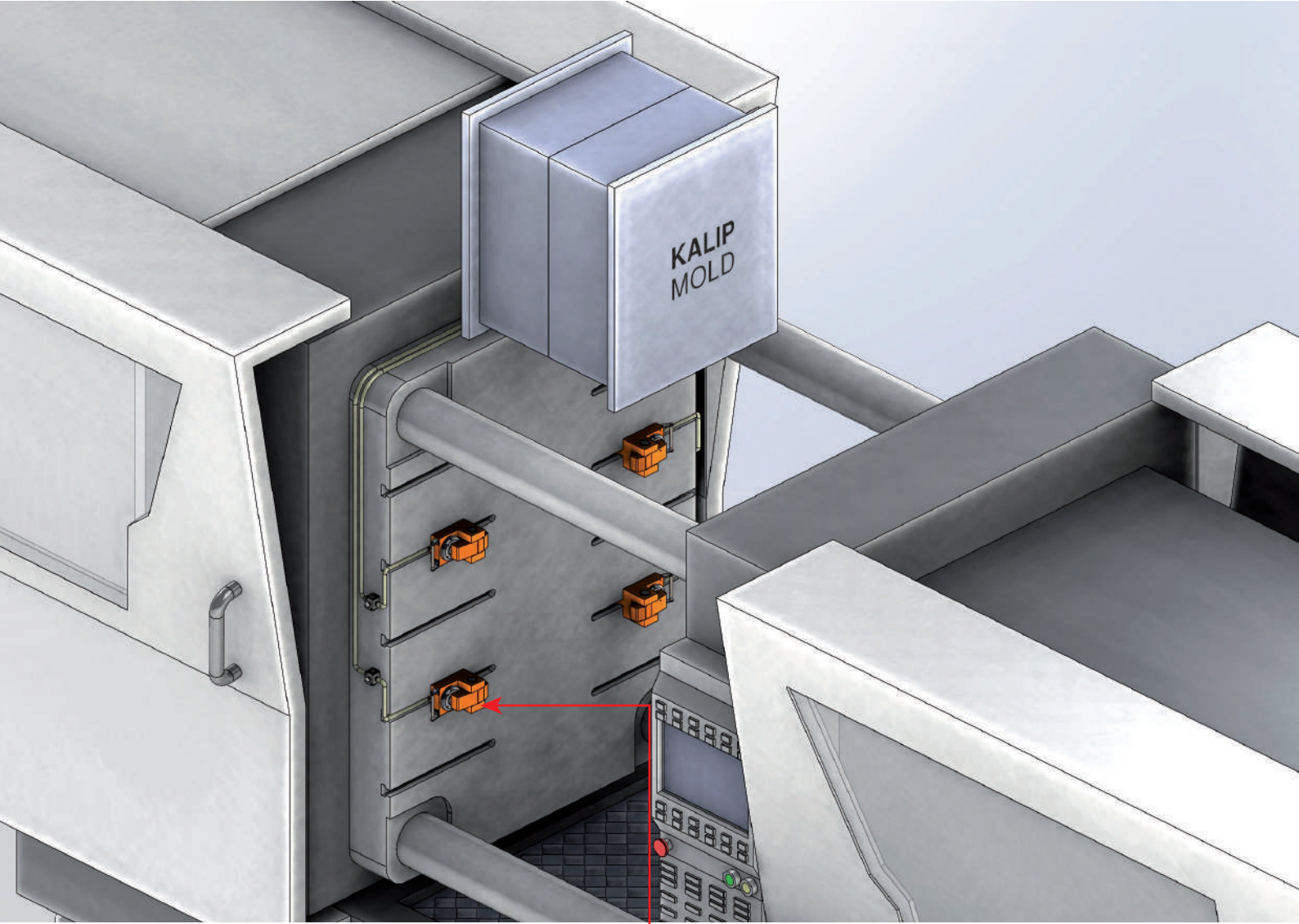
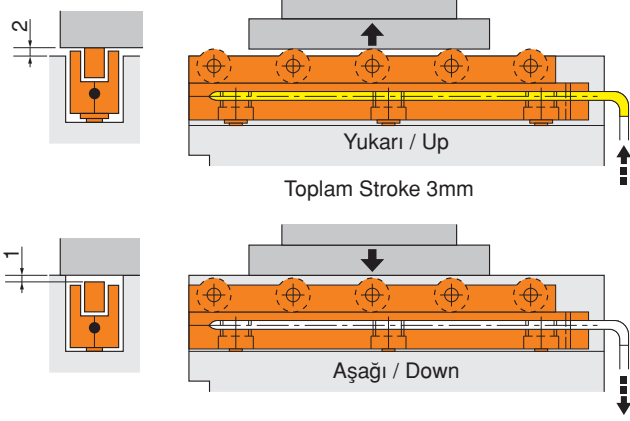


HIZLI KALIP DEĞİŞTİRME SİSTEMİ

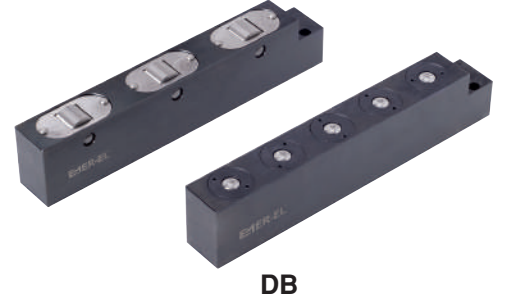
QUICK MOLD CHANGE SYSTEM



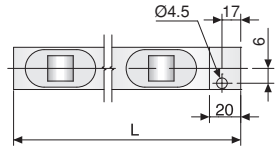
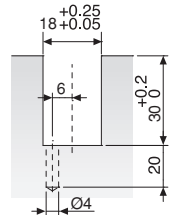
**Hidrolik Pabuç Modelleri / Hydraulic Clamp Models****Model CA****Model CV****Model CB****Model CBS****Model CC****Model CD****Model CG**

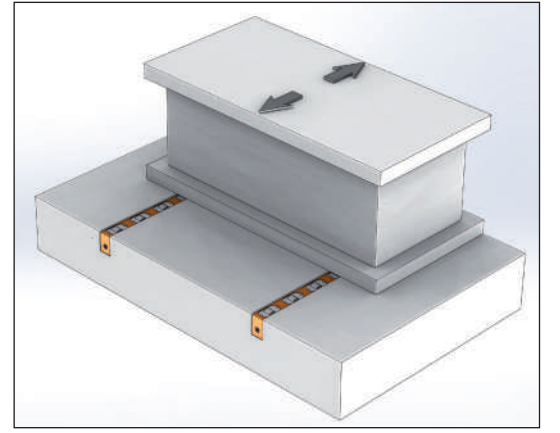


DL



DB

Dış Ölçüler Outline Dimensions	DL18 Serisi / Serial 
Pleyt için işlem ölçüsü (U-Kanal) Processing Size for Plate (U-slot)	



Model DL Hareket Yönü
Model DL Movement Direction

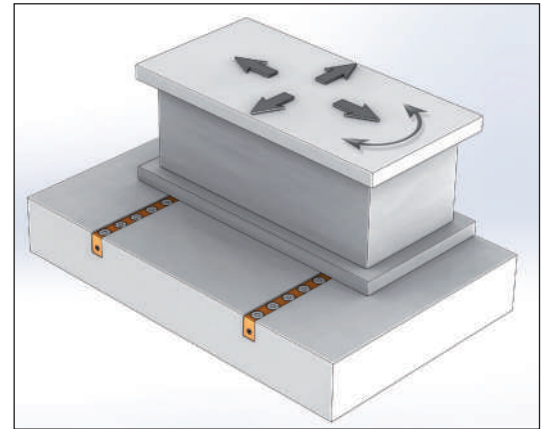
Referans Nr.	L	DL18				Hid. Silindir Hyd. cylinder	
		DL18		DB18		Piston	Kapasite Capacity kg
		Rulo Roller (DL)	Kapasite Capacity kg	Misket Ball (DB)	Kapasite Capacity kg		
1020-0200	200	3	300	5	250	2	560
1020-0300	300	5	500	7	350		
1020-0400	400	6	560	10	500		
1020-0500	500	8	800	12	600	3	840
1020-0600	600	9	840	15	750		
1020-0700	700	11	840	17	840		
1020-0800	800	12	1120	20	1000	4	1120
1020-0900	900	14	1120	22	1100		
1020-1000	1000	15	1250	25	1250	5	1400

Ürün Nr. 1020 Hidrolik Kalıp Kaldırma Model DL-DB

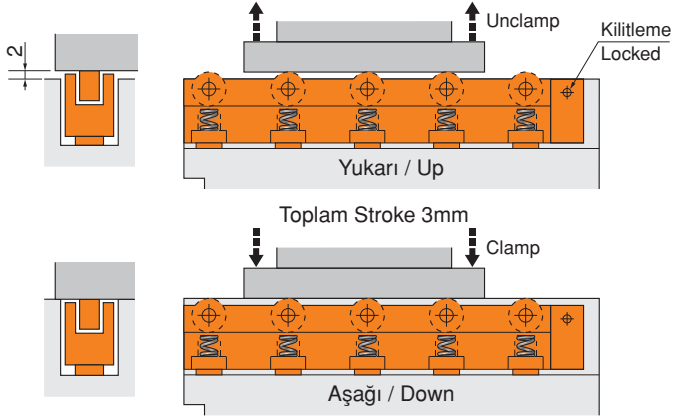
- Standart Sıcaklık : 60°
- Hidrolik Baskı : 250kgf/cm²

Product Nr. 1020 Die Lifter Hydraulic Model DL-DB

- Standard Temperature : 60°
- Hydraulic Pressure : 250kgf/cm²



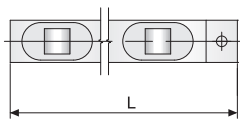
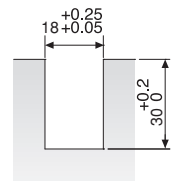
Model DB Hareket Yönü
Model DB Movement Direction

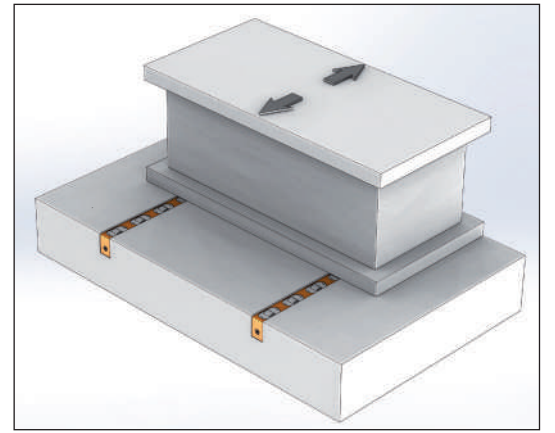


DLS



DBS

Dış Ölçüler Outline Dimensions	D□18 Serisi / Serial 
Pleýt için işlem ölçüsü (U-Kanal) Processing Size for Plate (U-slot)	



Model DLS Hareket Yönü
Model DLS Movement Direction

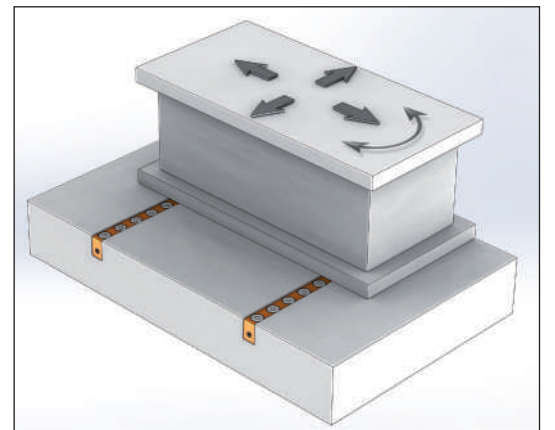
Referans Nr.	L	D□18					
		DLS18			DBS18		
		Rulo Roller (DLS)		Kapasite Capacity kg	Misket Ball (DBS)		Kapasite Capacity kg
1022-0200	200	3	4	200	5	6	150
1022-0300	300	5	6	300	7	8	200
1022-0400	400	6	7	350	10	11	275
1022-0500	500	8	9	450	12	13	325
1022-0600	600	9	10	500	15	16	400
1022-0700	700	11	12	600	17	18	450
1022-0800	800	12	13	650	20	21	525
1022-0900	900	14	15	750	22	23	575
1022-1000	1000	15	16	800	25	26	650

Ürün Nr. 1022 Yaylı Kalıp Kaldırma Model DLS-DBS

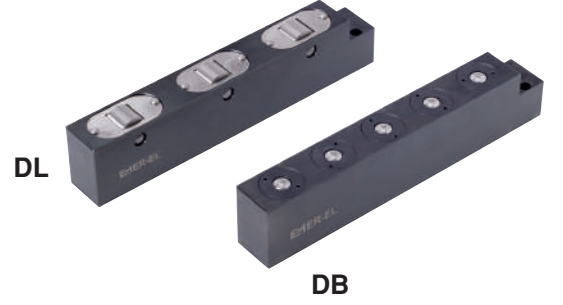
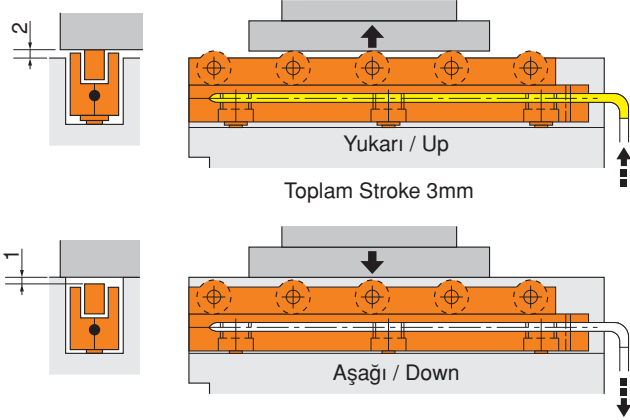
• Standart Sıcaklık : 60°

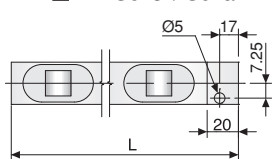
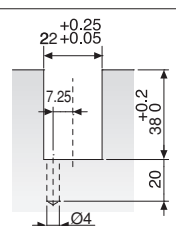
Product Nr. 1022 Die Lifter Spring Model DLS-DBS

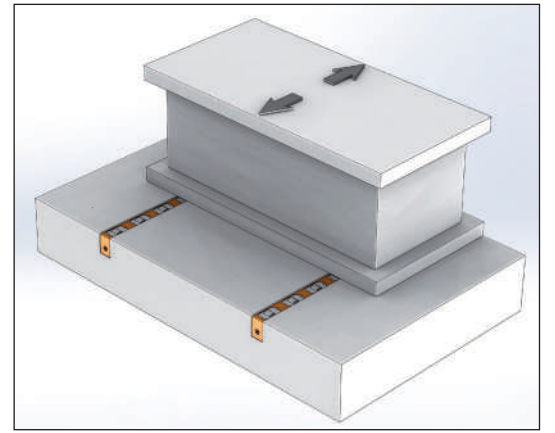
• Standard Temperature : 60°



Model DBS Hareket Yönü
Model DBS Movement Direction



Dış Ölçüler Outline Dimensions	D□22 Serisi / Serial 
Pleyt için işlem ölçüsü (U-Kanal) Processing Size for Plate (U-slot)	



Model DL Hareket Yönü
Model DL Movement Direction

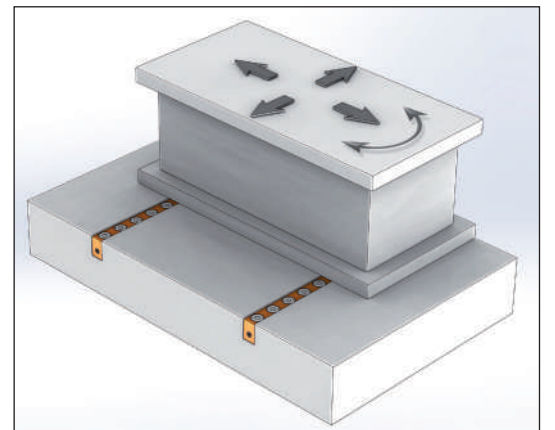
Referans Nr.	L	D□22				Hid. Silindir Hyd. cylinder	
		DL22 Rulo Roller (DL)	Kapasite Capacity kg	DB22 Misket Ball (DB)	Kapasite Capacity kg	Piston	Kapasite Capacity kg
1020-0200	200	3	480	5	370	2	1000
1020-0300	300	5	800	7	518		
1020-0400	400	6	960	10	740		
1020-0500	500	8	1280	12	888		
1020-0600	600	9	1400	15	1110	3	1500
1020-0700	700	11	1500	17	1250		
1020-0800	800	12	1920	20	1480		
1020-0900	900	14	2000	22	1628		
1020-1000	1000	15	2000	25	1850	4	2000

Ürün Nr. 1020 Hidrolik Kalıp Kaldırma Model DL-DB

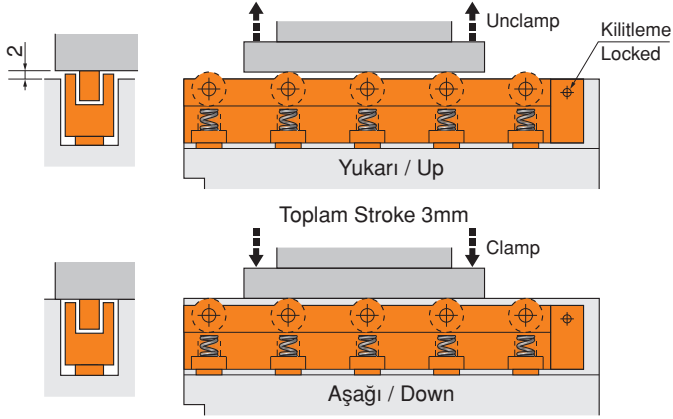
- Standart Sıcaklık : 60°
- Hidrolik Baskı : 250kgf/cm²

Product Nr. 1020 Die Lifter Hydraulic Model DL-DB

- Standard Temperature : 60°
- Hydraulic Pressure : 250kgf/cm²



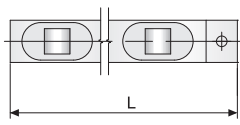
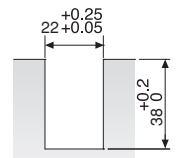
Model DB Hareket Yönü
Model DB Movement Direction

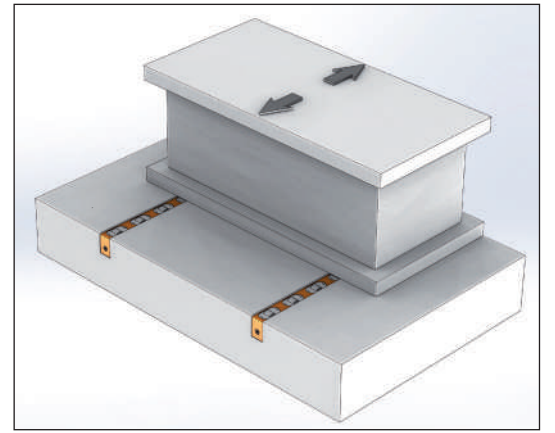


DLS



DBS

Dış Ölçüler Outline Dimensions	D□22 Serisi / Serial 
Pleyt için işlem ölçüsü (U-Kanal) Processing Size for Plate (U-slot)	



Model DLS Hareket Yönü
Model DLS Movement Direction

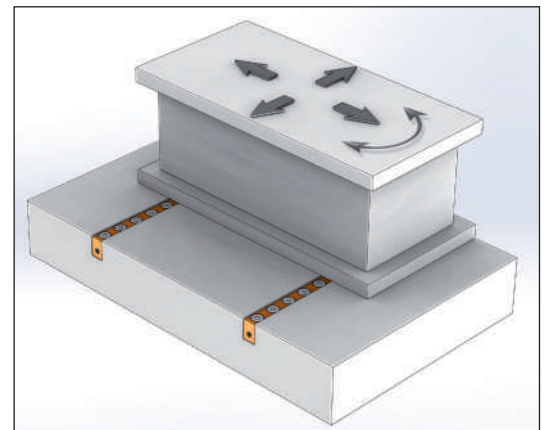
Referans Nr.	L	D□22					
		DLS22			DBS22		
		Rulo Roller (DLS)		Kapasite Capacity kg	Misket Ball (DBS)		Kapasite Capacity kg
1022-0200	200	3	4	320	5	6	240
1022-0300	300	5	6	480	7	8	320
1022-0400	400	6	7	560	10	11	440
1022-0500	500	8	9	720	12	13	520
1022-0600	600	9	10	800	15	16	640
1022-0700	700	11	12	960	17	18	720
1022-0800	800	12	13	1040	20	21	840
1022-0900	900	14	15	1200	22	23	920
1022-1000	1000	15	16	1280	25	26	1040

Ürün Nr. 1022 Yaylı Kalıp Kaldırma Model DLS-DBS

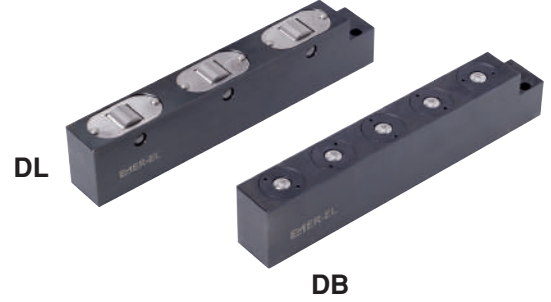
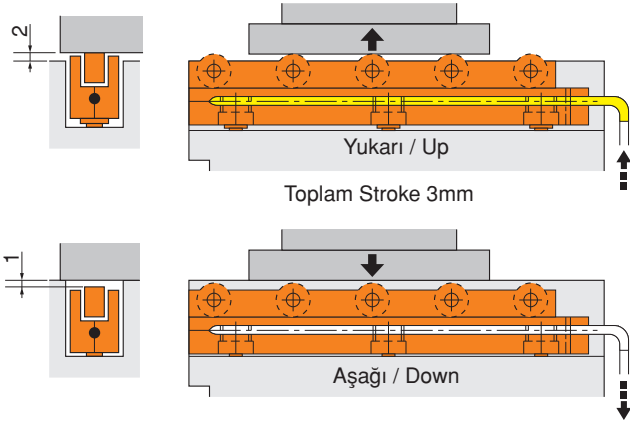
• Standart Sıcaklık : 60°

Product Nr. 1022 Die Lifter Spring Model DLS-DBS

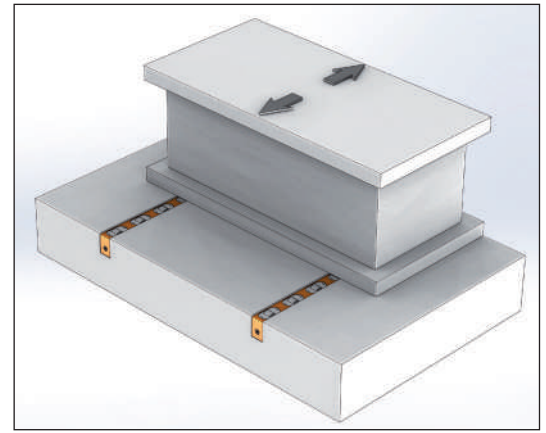
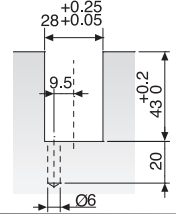
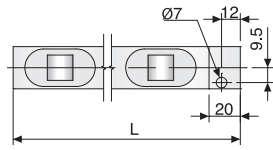
• Standard Temperature : 60°



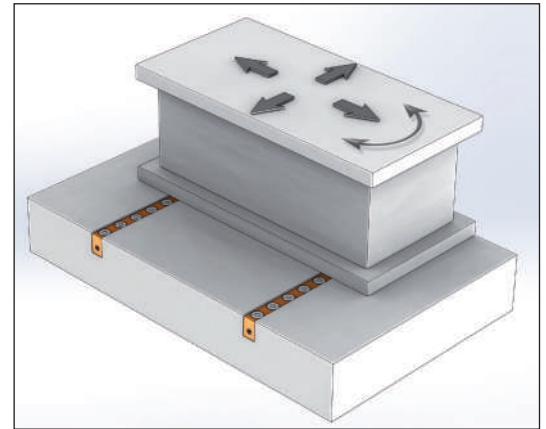
Model DBS Hareket Yönü
Model DBS Movement Direction



Dış Ölçüler Outline Dimensions	D□28 Serisi / Serial
Pleýt için işlem ölçüsü (U-Kanal) Processing Size for Plate (U-slot)	



Model DL Hareket Yönü
Model DL Movement Direction



Model DB Hareket Yönü
Model DB Movement Direction

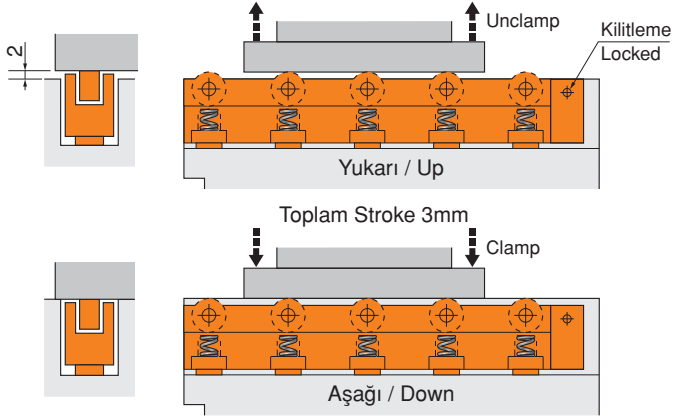
Referans Nr.	L	D□28				Hid. Silindir Hyd. cylinder	Piston	Kapasite Capacity kg
		DL28	DB28	Misket Ball (DB)	Kapasite Capacity kg			
1020-0200	200	3	750	5	475	2		1260
1020-0300	300	5	1250	7	665			
1020-0400	400	6	1260	10	950			
1020-0500	500	8	1890	12	1140			
1020-0600	600	9	1890	15	1425	3		1890
1020-0700	700	11	1890	17	1615			
1020-0800	800	12	2520	20	1900			
1020-0900	900	14	2520	22	2090	4		2520
1020-1000	1000	15	3150	25	2375			
1020-1100	1100	16	3150	27	2565	5		3150
1020-1200	1200	17	3150	30	2850			
1020-1300	1300	18	3780	32	3040	6		3780
1020-1400	1400	19	3780	35	3325			
1020-1500	1500	20	3780	37	3515			
1020-1600	1600	22	4410	40	3800	7		4410
1020-1700	1700	24	4410	42	3990			
1020-1800	1800	25	4410	45	4275			
1020-1900	1900	27	5040	47	4465	8		5040

Ürün Nr. 1020 Hidrolik Kalıp Kaldırma Model DL-DB

- Standart Sıcaklık : 60°
- Hidrolik Baskı : 250kgf/cm²

Product Nr. 1020 Die Lifter Hydraulic Model DL-DB

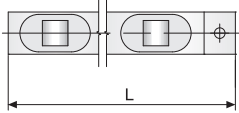
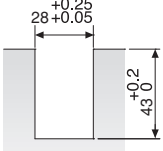
- Standard Temperature : 60°
- Hydraulic Pressure : 250kgf/cm²

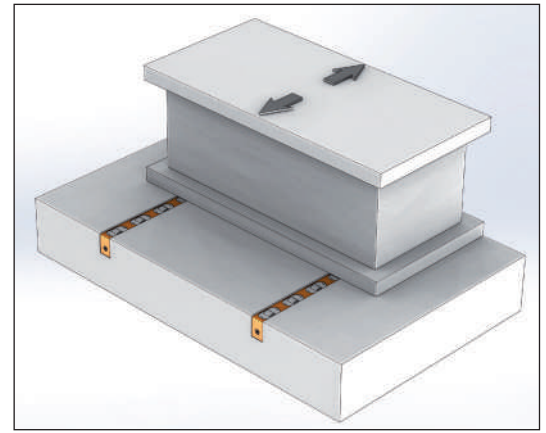


DLS



DBS

Dış Ölçüler Outline Dimensions	D□28 Serisi / Serial 
Plejt için işlem ölçüsü (U-Kanal) Processing Size for Plate (U-slot)	

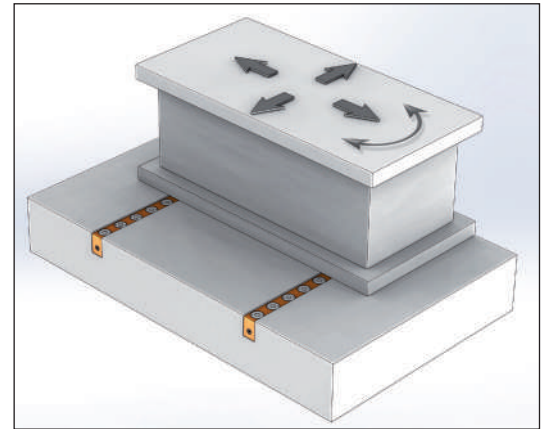


Model DLS Hareket Yönü
Model DLS Movement Direction

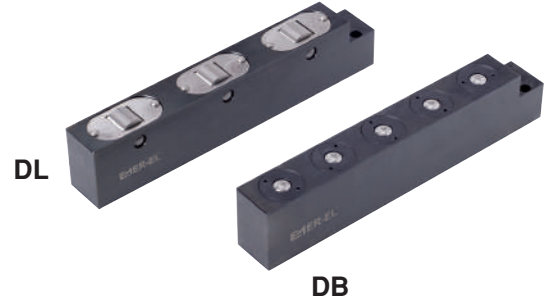
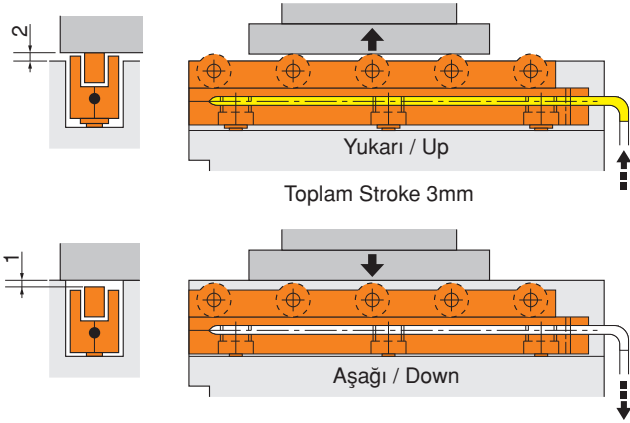
Referans Nr.	L	D□28					
		DLS28			DBS28		
		Rulo Roller (DLS)		Kapasite Capacity kg	Misket Ball (DBS)		Kapasite Capacity kg
1022-0200	200	3	4	500	5	5	315
1022-0300	300	5	6	750	7	7	441
1022-0400	400	6	7	875	10	10	630
1022-0500	500	8	9	1125	12	12	756
1022-0600	600	9	10	1250	15	15	945
1022-0700	700	11	12	1500	17	17	1071
1022-0800	800	12	13	1625	20	20	1260
1022-0900	900	14	15	1875	22	22	1386
1022-1000	1000	15	16	2000	25	25	1575
1022-1100	1100	16	17	2125	27	27	1701
1022-1200	1200	17	18	2250	30	30	1890
1022-1300	1300	18	19	2375	32	32	2016
1022-1400	1400	19	20	2500	35	35	2205
1022-1500	1500	20	21	2625	37	37	2331
1022-1600	1600	22	23	2875	40	40	2520
1022-1700	1700	24	25	3125	42	42	2646
1022-1800	1800	25	26	3250	45	45	2835
1022-1900	1900	27	28	3500	47	47	2961

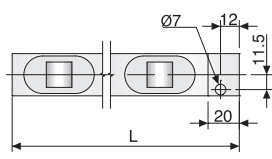
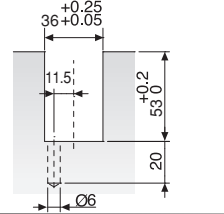
Ürün Nr. 1022 Yaylı Kalıp Kaldırma Model DLS-DBS
• Standart Sıcaklık : 60°

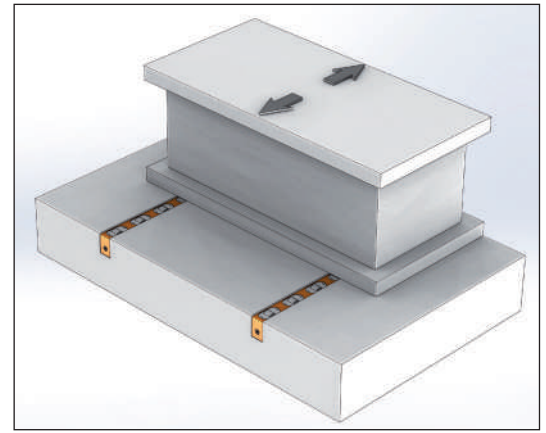
Product Nr. 1022 Die Lifter Spring Model DLS-DBS
• Standard Temperature : 60°



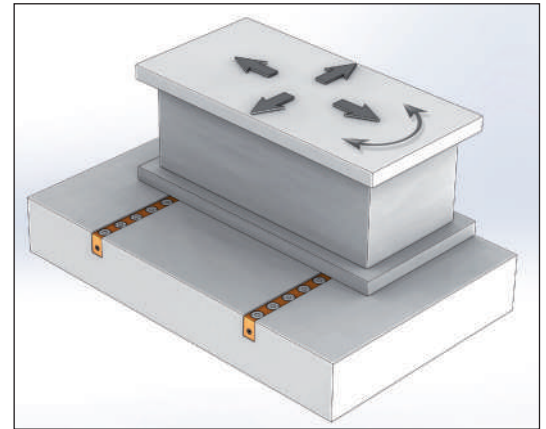
Model DBS Hareket Yönü
Model DBS Movement Direction



Dış Ölçüler Outline Dimensions	D□36 Serisi / Serial 
Pleýt için işlem ölçüsü (U-Kanal) Processing Size for Plate (U-slot)	



Model DL Hareket Yönü
Model DL Movement Direction



Model DB Hareket Yönü
Model DB Movement Direction

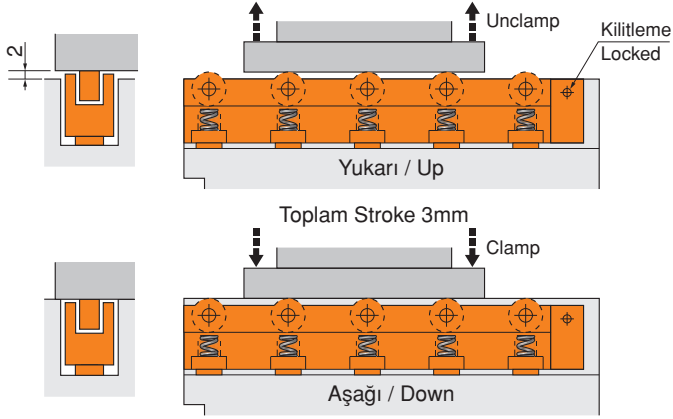
Referans Nr.	L	D□36					
		DL36	Kapasite Capacity kg	Misket Ball (DB)	Kapasite Capacity kg	Hid. Silindir Hyd. cylinder Piston	Kapasite Capacity kg
1020-0200	200	3	1050	5	600	2	1700
1020-0300	300	5	1750	7	840		
1020-0400	400	6	1700	10	1200		
1020-0500	500	8	2600	12	1440	3	2600
1020-0600	600	9	2600	15	1800		
1020-0700	700	11	2600	17	2040		
1020-0800	800	12	2600	20	2400	4	3500
1020-0900	900	14	3500	22	2640		
1020-1000	1000	15	3500	25	3000		
1020-1100	1100	16	3500	27	3240	5	4400
1020-1200	1200	17	4400	30	3600		
1020-1300	1300	18	4400	32	3840		
1020-1400	1400	19	4400	35	4200	6	5300
1020-1500	1500	20	4400	37	4400		
1020-1600	1600	22	5300	40	4800		
1020-1700	1700	24	5300	42	5040	6	5300
1020-1800	1800	25	5300	45	5300		
1020-1900	1900	27	5300	47	5300		

Ürün Nr. 1020 Hidrolik Kalıp Kaldırma Model DL-DB

- Standart Sıcaklık : 60°
- Hidrolik Baskı : 250kgf/cm²

Product Nr. 1020 Die Lifter Hydraulic Model DL-DB

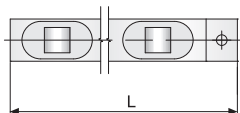
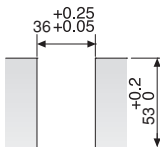
- Standard Temperature : 60°
- Hydraulic Pressure : 250kgf/cm²

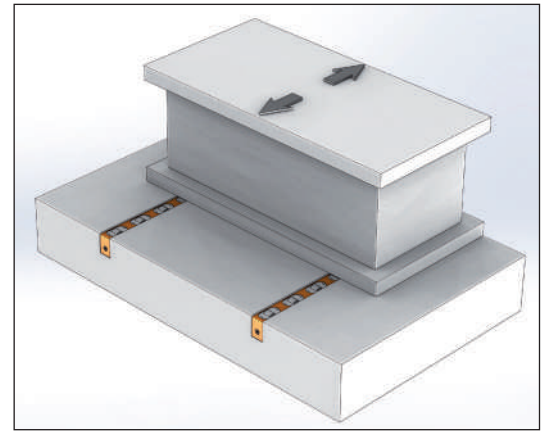


DLS



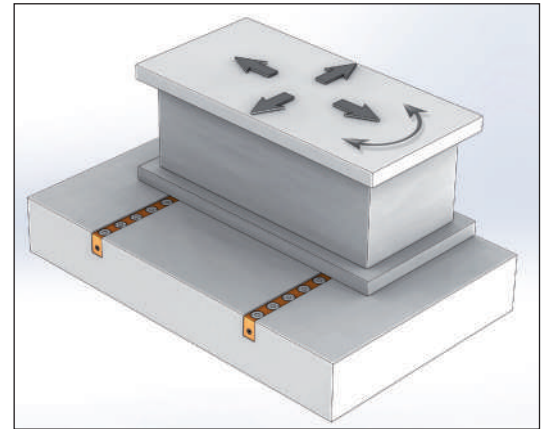
DBS

Dış Ölçüler Outline Dimensions	D□36 Serisi / Serial
	
Pleýt için işlem ölçüsü (U-Kanal) Processing Size for Plate (U-slot)	



Model DLS Hareket Yönü
Model DLS Movement Direction

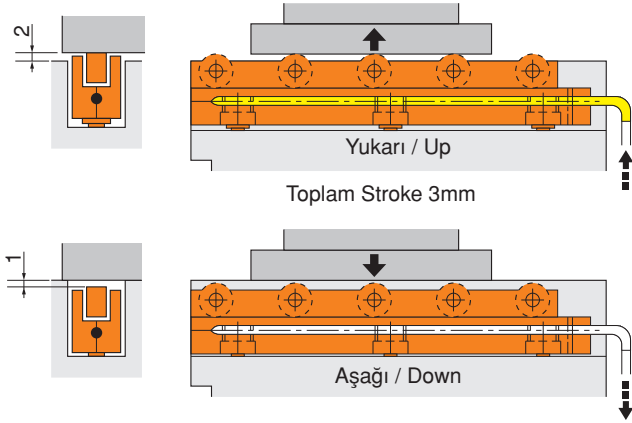
Referans Nr.	L	D□36					
		DLS36			DBS36		
		Rulo Roller (DLS)		Kapasite Capacity kg	Misket Ball (DBS)		Kapasite Capacity kg
1022-0200	200	3	3	600	5	5	500
1022-0300	300	5	5	1000	7	7	700
1022-0400	400	6	6	1200	10	10	1000
1022-0500	500	8	8	1600	12	12	1200
1022-0600	600	9	9	1800	15	15	1500
1022-0700	700	11	11	2200	17	17	1700
1022-0800	800	12	12	2400	20	20	2000
1022-0900	900	14	14	2800	22	22	2200
1022-1000	1000	15	15	3000	25	25	2500
1022-1100	1100	16	16	3200	27	27	2700
1022-1200	1200	17	17	3400	30	30	3000
1022-1300	1300	18	18	3600	32	32	3200
1022-1400	1400	19	19	3800	35	35	3500
1022-1500	1500	20	20	4000	37	37	3700
1022-1600	1600	22	22	4400	40	40	4000
1022-1700	1700	24	24	4800	42	42	4200
1022-1800	1800	25	25	5000	45	45	4500
1022-1900	1900	27	27	5400	47	47	4700



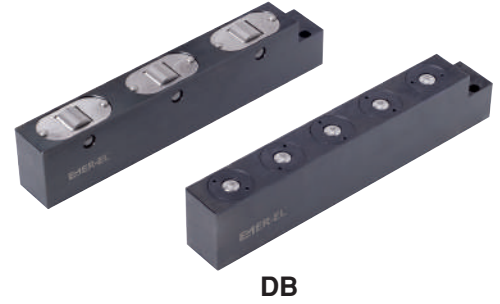
Model DBS Hareket Yönü
Model DBS Movement Direction

Ürün Nr. 1022 Yaylı Kalıp Kaldırma Model DLS-DBS
• Standart Sıcaklık : 60°

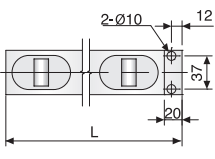
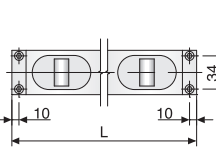
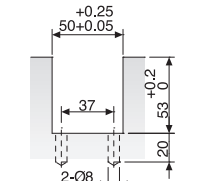
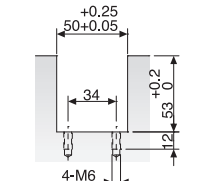
Product Nr. 1022 Die Lifter Spring Model DLS-DBS
• Standard Temperature : 60°

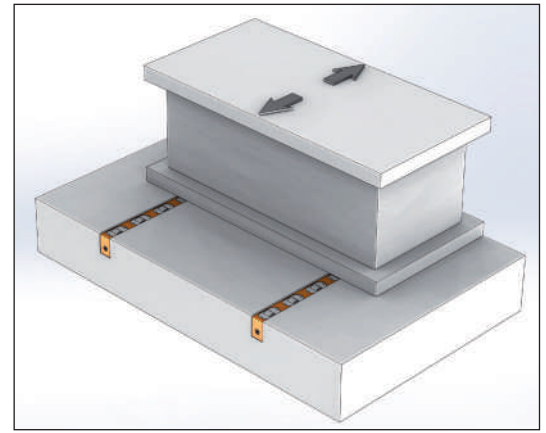


DL



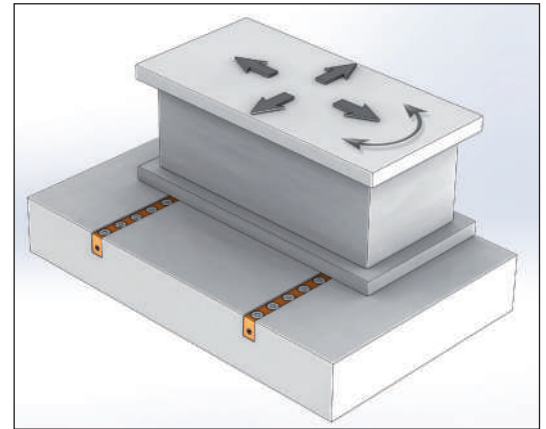
DB

Dış Ölçüler Outline Dimensions	D□50 Serisi / Serial DL50-2100'den önce		D□50 Serisi / Serial DL50-2100'den sonra	
				
Pleyt için işlem ölçüsü (U-Kanal) Processing Size for Plate (U-slot)				



Model DL Hareket Yönü
Model DL Movement Direction

Referans Nr.	L	D□50				Hid. Silindir Hyd. cylinder	
		DL50		DB50		Piston	Kapasite Capacity kg
		Rulo Roller (DL)	Kapasite Capacity kg	Misket Ball (DB)	Kapasite Capacity kg		
1020-0200	200	2	1000	4	640	2	2200
1020-0300	300	3	1500	6	960		
1020-0400	400	4	2000	9	1440		
1020-0500	500	5	2500	11	1760	3	3300
1020-0600	600	6	3000	13	2080		
1020-0700	700	7	3300	16	2560		
1020-0800	800	8	3300	18	2880	4	4400
1020-0900	900	9	4400	20	3200		
1020-1000	1000	10	4400	23	3680		
1020-1100	1100	11	4400	25	4000	5	5500
1020-1200	1200	12	5500	27	4320		
1020-1300	1300	13	5500	29	4640		
1020-1400	1400	14	5500	31	4960	6	6600
1020-1500	1500	15	5500	33	5280		
1020-1600	1600	16	6500	35	5600		
1020-1700	1700	17	6500	38	6080	7	7700
1020-1800	1800	18	6500	40	6400		
1020-1900	1900	19	6500	42	6720		
1020-2000	2000	20	7700	44	7040	8	8800
1020-2100	2100	21	7700	46	7360		
1020-2200	2200	22	7700	48	7680		
1020-2300	2300	23	7700	50	7700	8	8800
1020-2400	2400	24	8800	52	8320		
1020-2500	2500	25	8800	54	8640		



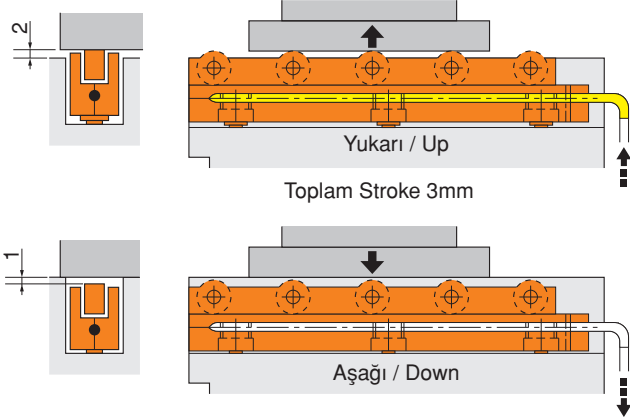
Model DB Hareket Yönü
Model DB Movement Direction

Ürün Nr. 1020 Hidrolik Kalıp Kaldırma Model DL-DB

- Standart Sıcaklık : 60°
- Hidrolik Basınç : 250kgf/cm²

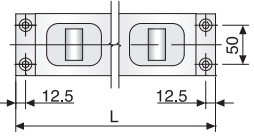
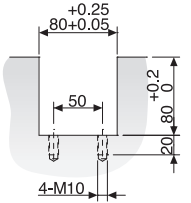
Product Nr. 1020 Die Lifter Hydraulic Model DL-DB

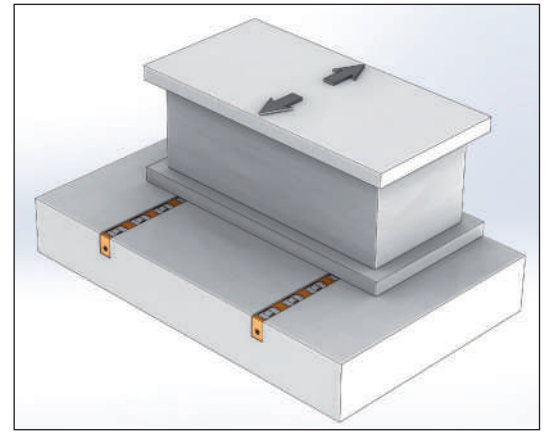
- Standard Temperature : 60°
- Hydraulic Pressure : 250kgf/cm²



DL



Dış Ölçüler Outline Dimensions	DL80 Serisi / Serial 
Pleyt için işlem ölçüsü (U-Kanal) Processing Size for Plate (U-slot)	



Model DL Hareket Yönü
Model DL Movement Direction

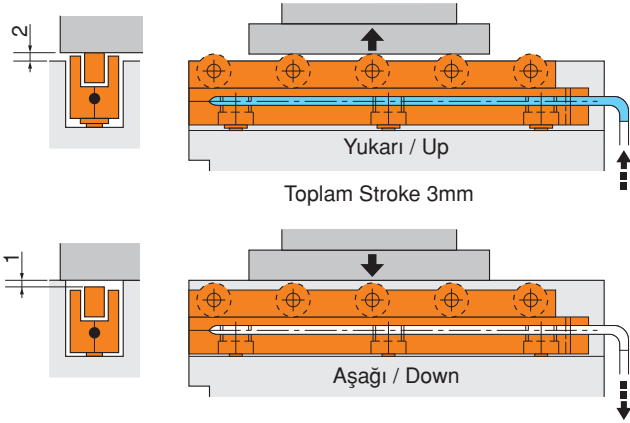
Referans Nr.	L	DL80			
		Rulo Roller (DL)	Kapasite Capacity kg	Piston	Hid. Silindir Hyd. cylinder Kapasite Capacity kg
1020-0200	200	-	-	-	-
1020-0300	300	-	-	-	-
1020-0400	400	-	-	-	-
1020-0500	500	5	3250	2	5600
1020-0600	600	6	3900		
1020-0700	700	7	4550	3	8400
1020-0800	800	8	5200		
1020-0900	900	9	5850	4	11200
1020-1000	1000	10	6500		
1020-1100	1100	11	7150		
1020-1200	1200	12	7800		
1020-1300	1300	13	8450	5	14000
1020-1400	1400	14	9100		
1020-1500	1500	15	9750	6	16800
1020-1600	1600	16	10400		
1020-1700	1700	17	11050		
1020-1800	1800	18	11700		
1020-1900	1900	19	12350	7	19600
1020-2000	2000	20	13000		
1020-2100	2100	21	13650		
1020-2200	2200	22	14300		
1020-2300	2300	23	14950	8	22400
1020-2400	2400	24	15600		
1020-2500	2500	25	16250		

Ürün Nr. 1020 Hidrolik Kalıp Kaldırma Model DL

- Standart Sıcaklık : 60°
- Hidrolik Basınç : 250kgf/cm²

Product Nr. 1020 Die Lifter Hydraulic Model DL

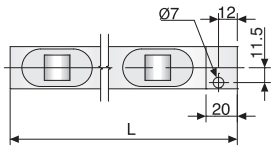
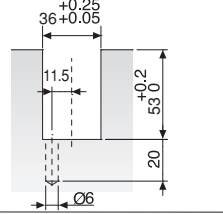
- Standard Temperature : 60°
- Hydraulic Pressure : 250kgf/cm²



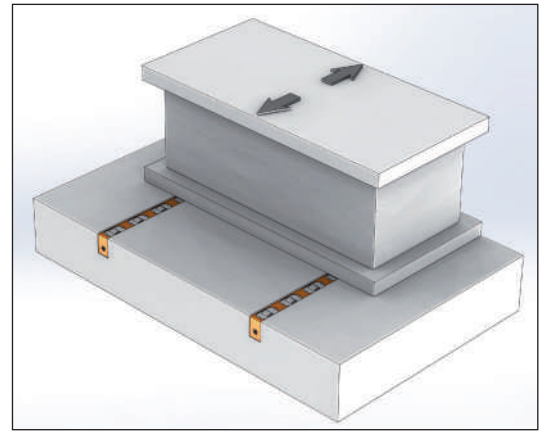
NEW

DLP

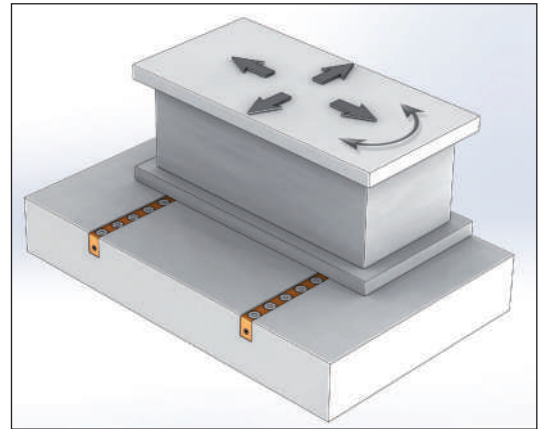
DBP

Dış Ölçüler Outline Dimensions	D□□36 Serisi / Serial 
Pleyt için işlem ölçüsü (U-Kanal) Processing Size for Plate (U-slot)	

Referans Nr.	L	D□□36						
		DLP36	DBP36	Pnömatik Silindir Pneumatic cylinder				Piston
		Rulo Roller (DLP)	Misket Ball (DBP)	6 Bar Kapasite	8 Bar Kapasite	10 Bar Kapasite	12 Bar Kapasite	
1023-0200	200	3	5	200	260	320	400	4
1023-0300	300	5	7	300	390	480	600	6
1023-0400	400	6	10	400	520	640	800	8
1023-0500	500	8	12	550	715	880	1100	11
1023-0600	600	9	15	650	845	1040	1300	13
1023-0700	700	11	17	750	975	1200	1500	15
1023-0800	800	12	20	900	1170	1440	1800	18
1023-0900	900	14	22	1000	1300	1600	2000	20
1023-1000	1000	15	25	1100	1430	1760	2200	22
1023-1100	1100	16	27	1250	1625	2000	2500	25
1023-1200	1200	17	30	1350	1755	2160	2700	27
1023-1300	1300	18	32	1450	1885	2320	2900	29
1023-1400	1400	19	35	1550	2015	2480	3100	31
1023-1500	1500	20	37	1700	2210	2720	3400	34
1023-1600	1600	22	40	1800	2340	2880	3600	36
1023-1700	1700	24	42	1900	2470	3040	3800	38
1023-1800	1800	25	45	2050	2665	3280	4100	41
1023-1900	1900	27	47	2150	2795	3440	4300	43



Model DLP Hareket Yönü
Model DLP Movement Direction



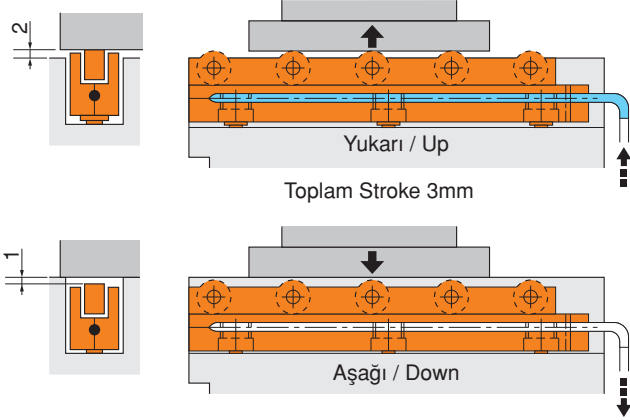
Model DBP Hareket Yönü
Model DBP Movement Direction

Ürün Nr. 1023 Hidrolik Kalıp Kaldırma Model DLP-DBP

• Standart Sıcaklık : 60°

Product Nr. 1023 Die Lifter Hydraulic Model DLP-DBP

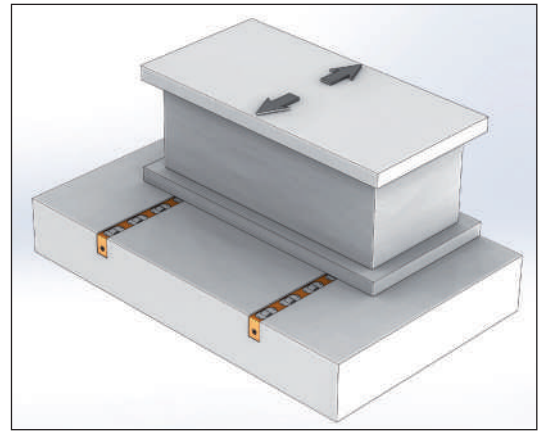
• Standard Temperature : 60°



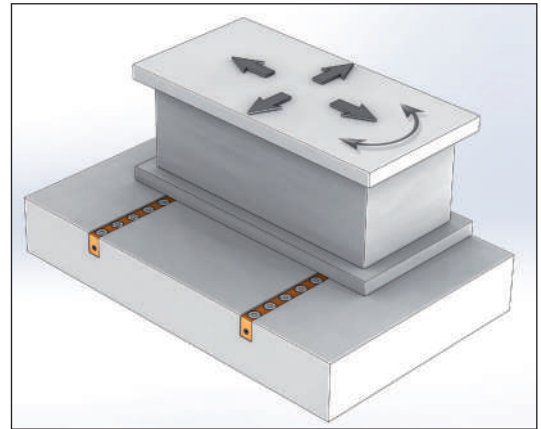
NEW

DLP

DBP



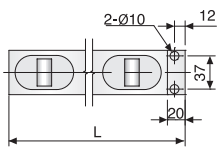
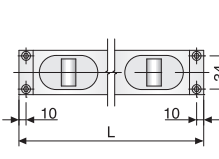
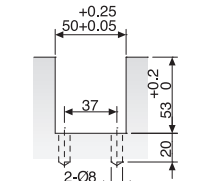
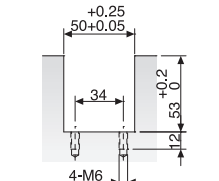
Model DLP Hareket Yönü
Model DLP Movement Direction



Model DBP Hareket Yönü
Model DBP Movement Direction

Ürün Nr. 1023 Hidrolik Kalıp Kaldırma Model DLP-DBP
• Standart Sıcaklık : 60°

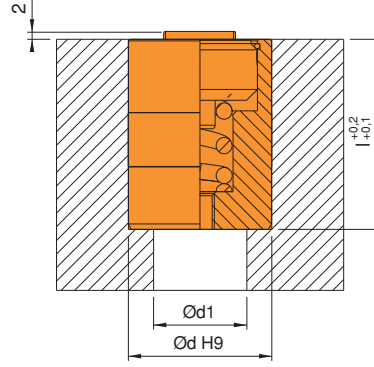
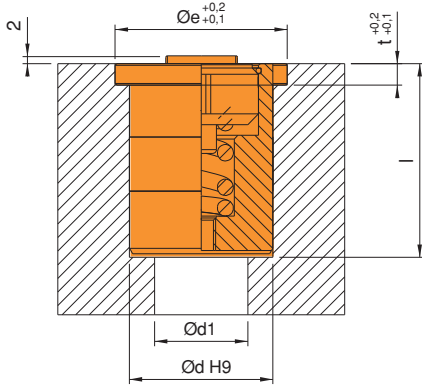
Product Nr. 1023 Die Lifter Hydraulic Model DLP-DBP
• Standard Temperature : 60°

Dış Ölçüler Outline Dimensions	D□□50 Serisi / Serial DL50-2100'den önce	D□□50 Serisi / Serial DL50-2100'den sonra
		
Pleyt için işlem ölçüsü (U-Kanal) Processing Size for Plate (U-slot)		

Referans Nr.	L	D□□50						
		DLP50 Rulo Roller (DLP)	DBP50 Misket Ball (DBP)	Pnömatik Silindir Pneumatic cylinder				Piston
				6 Bar Kapasite	8 Bar Kapasite	10 Bar Kapasite	12 Bar Kapasite	
1023-0200	200	2	4	285	375	480	570	3
1023-0300	300	3	6	380	500	640	760	4
1023-0400	400	4	9	570	750	960	1140	6
1023-0500	500	5	11	665	875	1120	1330	7
1023-0600	600	6	13	855	1125	1440	1710	9
1023-0700	700	7	16	1045	1375	1760	2090	11
1023-0800	800	8	18	1140	1500	1920	2280	12
1023-0900	900	9	20	1330	1750	2240	2660	14
1023-1000	1000	10	23	1520	2000	2560	3040	16
1023-1100	1100	11	25	1710	2250	2880	3420	18
1023-1200	1200	12	27	1805	2375	3040	3610	19
1023-1300	1300	13	29	1995	2625	3360	3990	21
1023-1400	1400	14	31	2090	2750	3520	4180	22
1023-1500	1500	15	33	2280	3000	3840	4560	24
1023-1600	1600	16	35	2470	3250	4160	4940	26
1023-1700	1700	17	38	2565	3375	4320	5130	27
1023-1800	1800	18	40	2755	3625	4640	5510	29
1023-1900	1900	19	42	2945	3875	4960	5890	31
1023-2000	2000	20	44	3135	4125	5280	6270	33
1023-2100	2100	21	46	3230	4250	5440	6460	34
1023-2200	2200	22	48	3420	4500	5760	6840	36
1023-2300	2300	23	50	3610	4750	6080	7220	38
1023-2400	2400	24	52	3705	4875	6240	7410	39
1023-2500	2500	25	54	3895	5125	6560	7790	41

Referans Nr.	d	Kapasite kg	e	t	l	d1	 (g)
1022-DLSD0050	20	50	25	3.5	31	10	45
1022-DLSD0080	24	80	30	4	39	14	75
1022-DLSD0125	30	125	35	5	45	20	140
1022-DLSD0200	40	200	50	6	54	30	375
1022-DLSDD050	20	50	-	-	30	10	35
1022-DLSDD080	24	80	-	-	38	14	70
1022-DLSDD125	30	125	-	-	44	20	130
1022-DLSDD200	40	200	-	-	53	30	240

Ürün Nr. 1022 Yaylı Silindir Kalıp Kaldırma Model DLS
Product Nr. 1022 Die Lifter Spring Cylinder Model DLS



DLSD



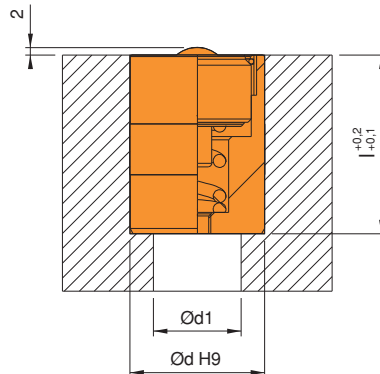
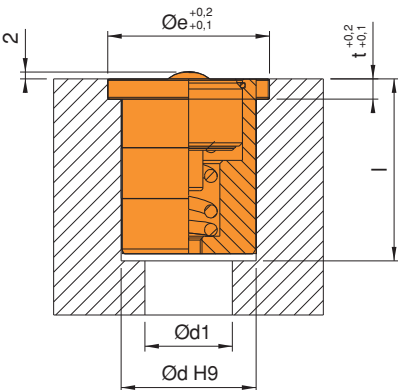
DLSDD

Yaylı Silindir Kalıp Kaldırma Model DBS

Die Lifter Spring Cylinder Model DBS

Referans Nr.	d	Kapasite kg	e	t	l	d1	 (g)
1022-DBSD0025	20	25	25	3.5	31	10	45
1022-DBSD0040	24	40	30	4	39	14	85
1022-DBSD0063	30	63	35	5	45	20	150
1022-DBSD0100	40	100	50	6	54	30	350
1022-DBSDD025	20	25	-	-	30	10	40
1022-DBSDD040	24	40	-	-	38	14	80
1022-DBSDD063	30	63	-	-	44	20	140
1022-DBSDD100	40	100	-	-	53	30	325

Ürün Nr. 1022 Yaylı Silindir Kalıp Kaldırma Model DBS
Product Nr. 1022 Die Lifter Spring Cylinder Model DBS



DBSD



DBSDD