Guvenal - GTH Guide Pillars & Bushes Matching Chart

GTH

Bushes	Tol.	Diameters	Page	G01	G02	G05	G11	G16	G17	G06	G07	G09	G15	G03	G04	G14	G12D	G13D	G50D	G12	G13	G50	G08	G10	G18	G19	G24	G20	G135	G161
	Pillar Series																													
	Diameters			25 / 32 / 40 / 50 / 63 / 80 / 100			10 / 12 / 14 16 / 18 / 20 24 / 25 / 30 40 / 50	10 / 14 / 16 18 / 20 24 / 34	10 / 12 / 14 16 / 18 / 20 24 / 25 / 30 40 / 50	32 / 40 / 50 63 / 80 100 / 125	80 / 100 125	25 / 32 / 40 50 / 63 / 80 100 / 125 160	20 / 25 / 30	25 / 32 / 40 50 / 63 / 80 100	25 / 32 / 40 50 / 63 / 80	8 / 10 / 12 16 / 20 / 25 30 / 32	14 / 15 / 18 / 20 / 22 / 24 / 25 30 / 32 / 40 / 42 / 50 / 60			14 / 15 / 18 / 20 / 22 / 24 / 25 30 / 32 / 40 / 42 / 50 / 60			20 / 25 30 / 40	15 / 16 / 19 20 / 24 / 25 30 / 32 / 38 40 / 48 / 50 60 / 63 / 80	12 / 18 / 20 25 / 30 / 40		15 / 16 / 19 20 / 24 / 25 30 / 32 / 38 40 / 48 / 50 60 / 63 / 80	40 / 50 63 / 80	20 / 25 / 30 32 / 40 / 50	12 / 14 / 16 20 / 25 / 30
	Tolerances			g6						f6			h4	h5		k6	g6						h3							g6
	Tol.	Diameters	Page	39		40	49	62	48	38		37	34	41	40	261	51 - 55 - 57 - 59			51 - 55 - 57 - 59			45	35	47	36	36	42	44	50
G25	G7	12 / 14 / 15 / 16 / 18 20 / 22 / 24 / 25 / 30 32 / 40 / 42	67					✱	✱								✱	✱	✱											✱
G27								✱	✱								✱	✱	✱											✱
G26	H7	14 / 16 / 20 / 22 25 / 30 / 40 / 50	66					✱	✱								✱	✱	✱											✱
G40		20 / 25 / 30 / 32 / 40 50 / 63 / 80 / 100 / 125	77	✱	✱	✱				✱	✱	✱	✱	✱	✱								✱	✱			✱	✱	✱	
G41	C9	25 / 32 / 40 / 50 63 / 80 / 100 / 125		✱	✱	✱				✱	✱	✱	✱	✱	✱								✱	✱			✱	✱	✱	
G45	H6	19 / 20 / 24 / 25 / 30 32 / 38 / 40 / 48 / 50	76	✱	✱	✱				✱	✱	✱	✱	✱	✱								✱	✱			✱	✱	✱	
G48	F7	8 / 10 / 12 / 15 / 16 / 18 20 / 24 / 25 / 30 / 35 / 38 40 / 42 / 45 / 48 / 50 / 60 80 / 100 / 120 / 150 / 160	66																											
G48.1	H6		78																											
G43	G7	20 / 25 / 30 / 32 / 40 50 / 63 / 80 / 100	79	✱	✱	✱				✱	✱	✱	✱	✱	✱								✱	✱			✱	✱	✱	
G86				✱	✱	✱				✱	✱	✱	✱	✱	✱								✱	✱			✱	✱	✱	
G42	H7	20 / 25 / 30 / 32 / 40 / 50 52 / 63 / 80 / 100 125 / 160	76	✱	✱	✱				✱	✱	✱	✱	✱	✱								✱	✱			✱	✱	✱	
G44			78	✱	✱	✱				✱	✱	✱	✱	✱	✱								✱	✱			✱	✱	✱	
G29	H4	12 / 18 / 30	69																				✱	✱	✱	✱	✱	✱	✱	
G30	H7	12 / 14 / 15 / 16 / 18 20 / 22 / 24 / 25 / 30 32 / 40 / 42 / 54	65				✱													✱	✱	✱								
G31			64				✱													✱	✱	✱								
G32			65				✱													✱	✱	✱								
G33		16 / 20 / 25 / 30 / 40 / 50	72	✱	✱	✱				✱	✱	✱	✱	✱	✱								✱	✱			✱	✱	✱	
G34			73	✱	✱	✱				✱	✱	✱	✱	✱	✱								✱	✱			✱	✱	✱	
G33K	H6	19 / 20 / 24 / 25 30 / 32 / 38 / 40 48 / 50 / 60 / 63 / 80	72	✱	✱	✱				✱	✱	✱	✱	✱	✱								✱	✱			✱	✱	✱	
G34K			73	✱	✱	✱				✱	✱	✱	✱	✱	✱								✱	✱			✱	✱	✱	
G35			75	✱	✱	✱				✱	✱	✱	✱	✱	✱								✱	✱			✱	✱	✱	
G36				✱	✱	✱				✱	✱	✱	✱	✱	✱								✱	✱			✱	✱	✱	
G37	H4	15 / 16 / 19 / 20 24 / 25 / 30 / 32 38 / 40 / 48 / 50 60 / 63 / 80	70																				✱	✱			✱	✱	✱	
G38																							✱	✱			✱	✱	✱	
G70			71																				✱	✱			✱	✱	✱	
G49	H7	12 / 14 / 15 / 16 / 18 / 20 / 22 24 / 30 / 32 / 40 / 42 / 50 / 60	56				✱													✱	✱	✱								
G74	H4	12 / 18 / 20 25 / 30 / 40	69																				✱	✱	✱	✱	✱	✱	✱	
G75																							✱	✱	✱	✱	✱	✱	✱	
G77	H7	12 / 14 / 16 / 20 25 / 30 / 40	63				✱													✱	✱	✱								
G72.1	js4	19 / 20 / 24 / 28 30 / 32 / 38 / 40 48 / 50 / 60 / 63 / 80	74																				✱	✱			✱	✱	✱	
G72.2	j6			✱	✱	✱				✱	✱	✱	✱	✱	✱								✱	✱			✱	✱	✱	
G72.3	j6			✱	✱	✱				✱	✱	✱	✱	✱	✱								✱	✱			✱	✱	✱	
G79	R6	40 / 50 / 63 / 80	42																									✱		
G80.1	H7		43																									✱		
G80.2																												✱		
G80.3																												✱		
G80.4	H4																											✱		
G80.5	C9																											✱		
G61	F7	12 / 14 / 16 / 20 / 25 / 30	50						✱							✱														✱

Güvenal GTH
Die & Mould Components

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Important:

1- The matching chart above is designed to facilitate the selection of Guvenal - GTH branded products.
2- Please pay attention to the tolerances given in the catalogue and chart when selecting.
3- Please check the perpendicularity of the die & mould guiding holes to the plate surfaces on the both core and cavity sides.
4- The working tolerances of the matched products in the chart are produced in a way that they can work without mounted to the die & mould.
5- If there are problems of diameter & coordinate or perpendicularity in the die & mould due to production, the relevant Guide Pillar / Bush shall not work after mounting.
6- Do not use a sledge hammer or heavy hammer in the mounting of the products.
If you are having problems with the installation, check the diameters and cleaning of the respective mounting holes.
7- If you have problems, closing the mould after connecting to the injection machine;
check the parallelism of the machine columns and the guide pillars of mould.

✱ Advised Guiding Combination for Injection Moulds.
✱ Advised Guiding Combination for Punching and Forming Dies.
Limited Use for Injection Moulds.
Limited Use for Punching and Forming Dies.
Incompatible