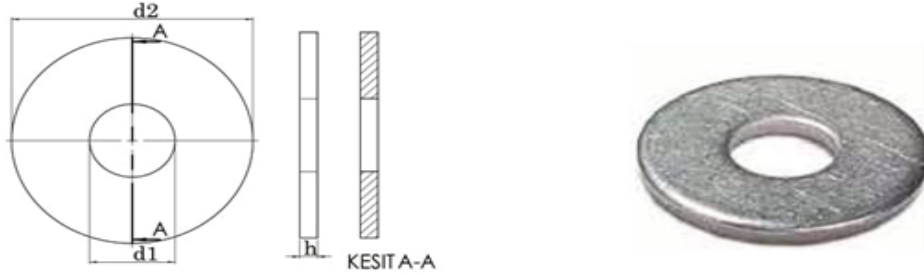


DIN 9021

LARGE FLAT WASHERS



Teknik Bilgiler / Technical Informations						
	M2,5	M3	M3,5	M4	M5	M6
d1	2,70	3,20	3,70	4,30	5,30	6,40
d2	7,00	9,00	11,00	12,00	15,00	18,00
h	0,80	0,80	1,00	1,20	1,60	2,00
For nominal thread	2,50	3,00	3,50	4,00	5,00	6,00
gr/p	0,28	0,35	0,53	0,77	1,46	2,79
	M7	M8	M10	M12	M14	M16
d1	7,40	8,40	10,50	13,00	15,00	17,00
d2	22,00	24,00	30,00	37,00	44,00	50,00
h	2,00	2,50	3,00	3,00	3,00	4,00
For nominal thread	7,00	8,00	10,00	12,00	14,00	16,00
gr/p	5,29	6,23	12,20	22,20	31,60	40,90
	M18	M20	M24	M30	M36	
d1	20,00	22,00	26,00	33,00	39,00	
d2	56,00	60,00	72,00	92,00	110,00	
h	4,00	4,00	5,00	6,00	8,00	
Diameter /Çap	18,00	20,00	24,00	30,00	36,00	
gr/p	67,40	76,80	139,00	273,00	522,00	



DIN 9021 Flat Fender Washers are round flat washers with a larger outer diameter (OD) approximately 3 x inner diameter (ID). These larger OD washers are typically used to distribute the load over a larger bearing surface than a standard flat washer. The washer is to be positioned below the head of a bolt or below the nut. This even distribution over a larger area reduces the chance of damaging the bearing surface. A washer could also be used if the outer diameter of a mating nut is smaller than the hole through which the screw is placed.