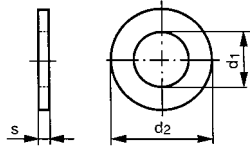


**PLAIN WASHERS WITHOUT CHAMFER - STEEL 140HV ZINC PLATED, YELLOW PASSIVATED AND BLACK PASSIVATED** ①  
 VLAKKE SLUITRINGEN ZONDER AFSCHUINING (FACET) - STAAL 140HV ELVZ, GEEL- EN ZWART GEPASSIVEERD  
 RONDELLES PLATES - ACIER 140HV ELECTRO-ZINGUE, PASSIVE JAUNE ET PASSIVE NOIR  
 ARANDELAS PLANAS - ACERO 140HV GALVANIZADO ELECTROLITICO, PASIVADO AMARILLO Y PASIVADO NEGRO  
 FLACHE SCHEIBEN - STAHL 140HV VERZINKT, GELB- UND SCHWARZ PASSIVIERT



ISO : 7089  
 DIN : 125-1 A  
 NEN : 2269 A  
 ANSI : -  
 BS : -  
 NF : -

**GROUPCODE**

YELL. P. ☒ **38080**  
 YELL. P. ☒☒ **38082**  
 BLCK. P. ☒ **38143**



Ordering example:  
**38080 M3**

**St**

For nom. size	M3	M4	M5	M6	M7	M8	M10	M11 <sup>②</sup>	M12
d1	3,2	4,3	5,3	6,4	7,4	8,4	10,5	12	13
d2	7	9	10	12	14	16	20	24	24
s	0,5	0,8	1	1,6	1,6	1,6	2	2,5	2,5

For nom. size	M14	M16	M18	M20	M22	M24	M27	M30	M33
d1	15	17	19	21	23	25	28	31	34
d2	28	30	34	37	39	44	50	56	60
s	2,5	3	3	3	3	4	4	4	5

**SMALL PACKING**
**DIMENSION CODE**

For nom. size	YELL. P. <b>38080</b>		BLCK. P. <b>38143</b> ☒	For nom. size	YELL. P. <b>38080</b>		BLCK. P. <b>38143</b> ☒	For nom. size	YELL. P. <b>38080</b>		BLCK. P. <b>38143</b> ☒
	L01	L01			L01	L01			L01	L01	
M3	030.001	030.001	250	M10	100.001	100.001	200	M20	200.001	200.001	100
M4	040.001	040.001	250	M11	110.001		150	M22	220.001		50
M5	050.001	050.001	250	M12	120.001	120.001	150	M24	240.001		50
M6	060.001	060.001	250	M14	140.001	140.001	100	M27	270.001		25
M7	070.001		250	M16	160.001	160.001	100	M30	300.001		25
M8	080.001	080.001	250	M18	180.001		100	M33	330.001		25

**LARGE PACKING**
**DIMENSION CODE**

For nom. size	YELL. P. <b>38082</b>		For nom. size	YELL. P. <b>38082</b>		For nom. size	YELL. P. <b>38082</b>	
	L01	☒☒		L01	☒☒		L01	☒☒
M3	030.001	2500	M6	060.001	2000	M12	120.001	500
M4	040.001	2500	M8	080.001	2000	M16	160.001	400
M5	050.001	2500	M10	100.001	1000			

① Plain washers without chamfer acc. to DIN 125-1 A with a minimum hardness of **140HV**, for plain washers without chamfer with a minimum hardness of **200HV** acc. to DIN 125-1 A, see elsewhere in this section.  
 Because of the low compression strength these plain washers are **exclusively** appropriate in combination with bolts < **8.8** c.q. with nuts with property class < **8**.

② This size is **not** DIN standardised.