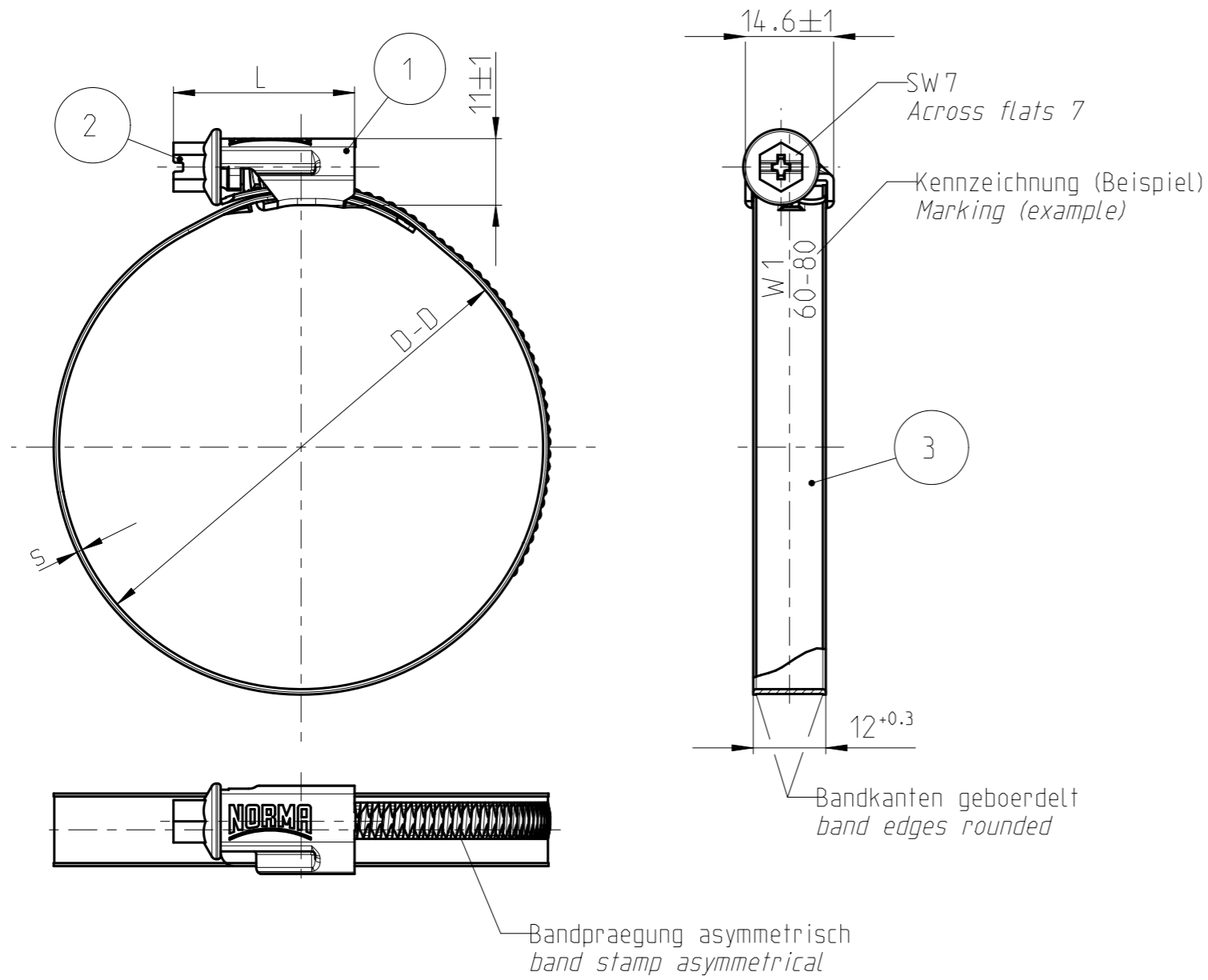


QUOTATION DRAWING

Teil-Nr. ITEM-NO.	Stueck QTY.	Benennung PART - NAME	Werkstoff MATERIAL	Oberflaeche SURFACE
1	1	TORRO Gehaeuse 12 TORRO Housing 12	ZStE 580 ZStE 580	siehe Text see notes
2	1	TORRO Schraube 12 TORRO Screw 12	1.1132/1.5525 AISI 1015/-	
3	1	TORRO Band 12 TORRO Band 12	CP CP	



Masstabelle siehe Folgeblaetter
Dimension chart see following sheets

Oberflaeche: Teil1 (Gehaeuse) und Teil2 (Schraube) verzinkt
min. 8 µm, passiviert und versiegelt nach BN 176
Teil3 (Band) ZinkAlu - ZA 185 BC

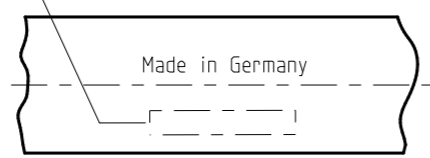
Surface: Part 1 (Housing) and Part 2 (Screw) zinc plated
min. 8µm, passivated and sealed according to BN 176
Part 3 (Band) zinalu - ZA 185 BC

Empfohlenes Andrehmoment 5 +0.5 Nm
recommended tightening torque 5 +0.5 Nm

Empfohlene Einschraubgeschwindigkeit max. 350 1/min
Recommended tightening speed max. 350 1/min

Bruchdrehmoment < /= Anliefer-Ø 39 min 8 Nm
> /= Anliefer-Ø 40 min 8.5 Nm
distruction torque < /= shipping-Ø 39 min 8 Nm
> /= shipping-Ø 40 min 8.5 Nm

NORMA Herstellercode auf Bandinnenseite
NORMA BATCH CODE BAND INSIDE



GENERAL TOLERANCE:	DIN 6930-2-m
FORM AND POS. TOL.:	DIN ISO 2768-m
DEVIATION FOR ANGLE:	±2°

INDEX PART	DWG	QTY	REVISION SUMMARY	CHANGE-NO	DATE	DRAWN	CHECKED
-	M	1	Material for Band corrected was DPF+ZA 185 BC	01-614330	2018-04-09	Panchal	Krueger
-	L	1	Part No. 0136 0352 095, 0136 0352 105 and 0136 0352 115 added	01-612433	2015-02-09	Lantsmann	Leusner
-	K	1	Variante 16-25 hinzu. Zeichnung ueberarbeitet	01-606739	2008-06-12	Haseney	Krauss
-	J	-	Ergaenzung von Text fuer Bruchdrehmoment	01-065235	2007-02-06	Gühr	Krauss

1st ANGLE PROJECTION	ACCORDING TO:	PART NAME:	
	SCALE:	NORMACLAMP	
	DATE: YYYY-MM-DD	TORRO D-D/12 A/F7 W1	
	NAME	Band inside smooth	
PROJECT-NO.:	NORMA Germany GmbH	CUSTOMER:	CUSTOMER-NO.:
9990001427	Postfach 1149 63461 Maintal	-	-
CAD-SYSTEM:	(C) COPYRIGHT NORMA GROUP	NORMA-NO.:	INDEX PART DWG
Creo 3.0 M140	DIN ISO 16016	0136 0352 000	- M
DRAWING-NAME.:	01360352000_Q	TYPE	FORMAT SHEET
		Q	A3 1/3

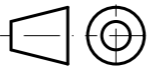

QUOTATION DRAWING

K

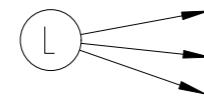
Pos.	L±1	s±0.1	D-D	Anliefer- $\phi+2$ SHIPPING- $\phi+2$	Benennung PART - NAME	Teilenummer PART - NO.
1	30.0	0.8	16-25	25	TORRO 16-25/12 A/F7 W1	0136 0352 020
2	30.0	0.8	16-27	27	TORRO 16-27/12 A/F7 W1	0136 0352 021
3	30.0	0.8	20-32	32	TORRO 20-32/12 A/F7 W1	0136 0352 026
4	30.0	1.0	25-40	40	TORRO 25-40/12 A/F7 W1	0136 0352 032
5	30.0	1.0	30-45	45	TORRO 30-45/12 A/F7 W1	0136 0352 037
6	30.0	1.0	35-50	50	TORRO 35-50/12 A/F7 W1	0136 0352 043
7	30.0	1.0	40-60	60	TORRO 40-60/12 A/F7 W1	0136 0352 050
8	30.0	1.0	50-70	70	TORRO 50-70/12 A/F7 W1	0136 0352 060
9	30.0	1.0	60-80	80	TORRO 60-80/12 A/F7 W1	0136 0352 070
10	36.0	1.0	70-90	90	TORRO 70-90/12 A/F7 W1	0136 0352 080
11	36.0	1.0	80-100	100	TORRO 80-100/12 A/F7 W1	0136 0352 090
12	36.0	1.0	90-110	110	TORRO 90-110/12 A/F7 W1	0136 0352 100
13	36.0	1.0	100-120	120	TORRO 100-120/12 A/F7 W1	0136 0352 110
14	36.0	1.0	110-130	130	TORRO 110-130/12 A/F7 W1	0136 0352 120
15	36.0	1.0	120-140	140	TORRO 120-140/12 A/F7 W1	0136 0352 130
16	36.0	1.0	130-150	150	TORRO 130-150/12 A/F7 W1	0136 0352 140
17	36.0	1.0	140-160	160	TORRO 140-160/12 A/F7 W1	0136 0352 150
18	36.0	1.0	150-170	170	TORRO 150-170/12 A/F7 W1	0136 0352 160
19	36.0	1.0	160-180	180	TORRO 160-180/12 A/F7 W1	0136 0352 170
20	36.0	1.0	170-190	190	TORRO 170-190/12 A/F7 W1	0136 0352 180
21	36.0	1.0	180-200	200	TORRO 180-200/12 A/F7 W1	0136 0352 190
22	36.0	1.0	190-210	210	TORRO 190-210/12 A/F7 W1	0136 0352 200
23	36.0	1.0	200-220	220	TORRO 200-220/12 A/F7 W1	0136 0352 210
24	36.0	1.0	210-230	230	TORRO 210-230/12 A/F7 W1	0136 0352 220
25	36.0	1.0	220-240	240	TORRO 220-240/12 A/F7 W1	0136 0352 230
26	36.0	1.0	230-250	250	TORRO 230-250/12 A/F7 W1	0136 0352 240
27	36.0	1.0	240-260	260	TORRO 240-260/12 A/F7 W1	0136 0352 250
28	36.0	1.0	250-270	270	TORRO 250-270/12 A/F7 W1	0136 0352 260
29	36.0	1.0	260-280	280	TORRO 260-280/12 A/F7 W1	0136 0352 270
30	36.0	1.0	270-290	290	TORRO 270-290/12 A/F7 W1	0136 0352 280
31	36.0	1.0	280-300	300	TORRO 280-300/12 A/F7 W1	0136 0352 290
32	36.0	1.0	290-310	310	TORRO 290-310/12 A/F7 W1	0136 0352 300
33	36.0	1.0	300-320	320	TORRO 300-320/12 A/F7 W1	0136 0352 310
34	36.0	1.0	310-330	330	TORRO 310-330/12 A/F7 W1	0136 0352 320
* 35	36.0	1.0	320-340		TORRO 320-340/12 A/F7 W1	0136 0352 330

Schellen ab D 320-340 werden gestreckt geliefert!
Clamps from D 320-340 will be delivered straight !

* Keine Endgroesse - weitere Abmessungen bis Spannbereich 680-700
in Abstufung von 10mm
* no end size - further sizes to clamping range 680-700
in steps of 10mm

	ACCORDING TO: -			PART NAME:					
	SCALE: 1:1 MM	DATE: YYYY-MM-DD 2003-03-27	NAME Thiemer	NORMACLAMP TORRO D-D/12 A/F7 W1 Band inside smooth					
PROJECT-NO.: 9990001427	NORMA Germany GmbH Postfach 1149 63461 Maintal					CUSTOMER: -	CUSTOMER-NO.: -		
CAD-SYSTEM: Creo 3.0 M140	(C) COPYRIGHT NORMA GROUP DIN ISO 16016			NORMA-NO.: 0136 0352 000		INDEX PART DWG	TYPE Q	FORMAT A3	SHEET 2/3
DRAWING-NAME.: 01360352000_Q									

QUOTATION DRAWING



Pos.	L±1	s±0,1	D-D	Anliefer- $\phi+2$ SHIPPING- $\phi+2$	Benennung PART - NAME	Teilenummer PART - NO.
1	30.0	0.8	23-35	35.0	TORRO 23-35/12 A/F7 W1	0136 0352 029
2	30.0	1.0	40-55	55.0	TORRO 40-55/12 A/F7 W1	0136 0352 048
3	30.0	1.0	45-65	65.0	TORRO 45-65/12 A/F7 W1	0136 0352 055
4	30.0	1.0	55-75	75.0	TORRO 55-75/12 A/F7 W1	0136 0352 065
5	36.0	1.0	65-85	85.0	TORRO 65-85/12 A/F7 W1	0136 0352 075
6	36.0	1.0	75-95	95.0	TORRO 75-95/12 A/F7 W1	0136 0352 085
7	36.0	1.0	85-105	105.0	TORRO 85-105/12 A/F7 W1	0136 0352 095
8	36.0	1.0	95-115	115.0	TORRO 95-115/12 A/F7 W1	0136 0352 105
9	36.0	1.0	105-125	125.0	TORRO 105-125/12 A/F7 W1	0136 0352 115

1st ANGLE PROJECTION 	ACCORDING TO: -			PART NAME:					
	SCALE: 1:1 MM	DATE: YYYY-MM-DD DRAWN 2003-03-27 CHECKED 2003-03-27	NAME Thiemer Loehr	NORMACLAMP TORRO D-D/12 A/F7 W1 Band inside smooth					
PROJECT-NO.: 9990001427	NORMA Germany GmbH Postfach 1149 63461 Maintal					CUSTOMER: -	CUSTOMER-NO.: -		
CAD-SYSTEM: Creo 3.0 M140	(C) COPYRIGHT NORMA GROUP DIN ISO 16016			NORMA-NO.: 0136 0352 000		INDEX PART DWG - M	TYPE Q	FORMAT A3	SHEET 3/3
DRAWING-NAME.: 01360352000_Q									