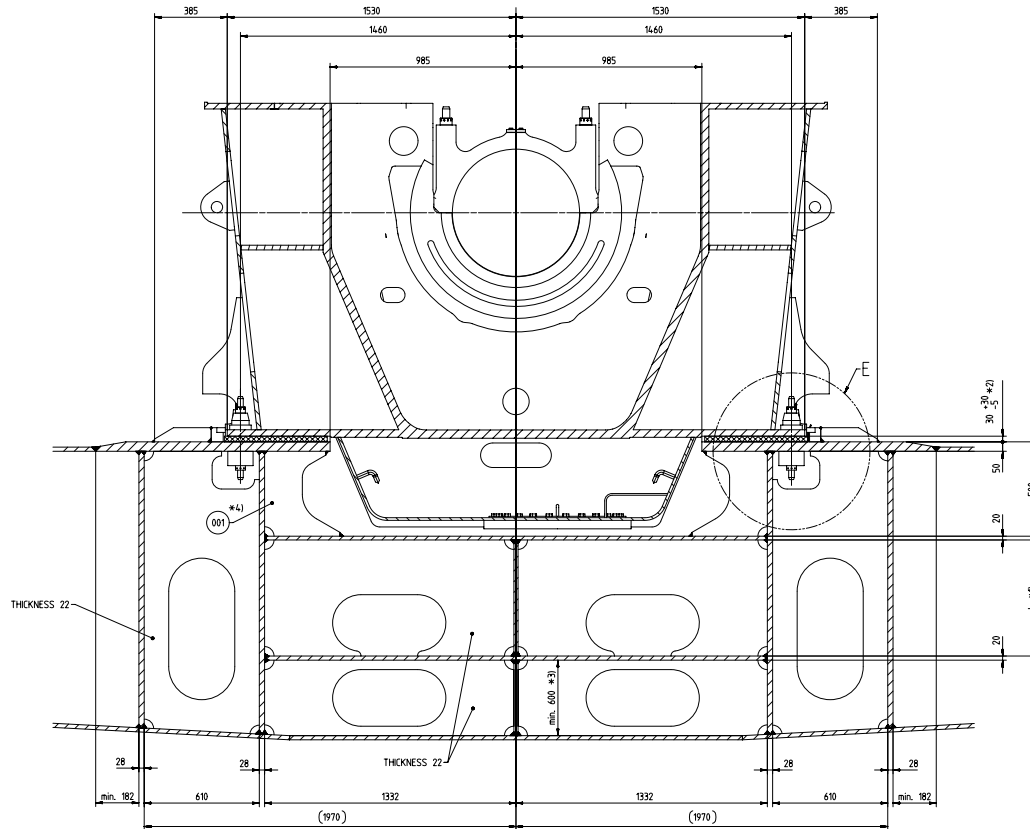


SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
001	1	PAAD381145	RIB			W-FU-355-J0	26
002	1	107.398.394.500	EPOXY RESIN				0.001
003	48	107.345.876.002	ROUND NUT	M30		W-FA-42CrMo-Q T	0.37
004	6	PAAD380992	SLEEVE			W-FA-34CrMo-Q T	6.8
005	6	PAAD381136	BUSH			W-FU-355-J0	2.6
006	48	PAAD381118	ELASTIC BOLT			W-FA-42CrMo-Q T	2.1
007	6	PAAD381113	CONICAL SOCKET			W-FA-34CrMo-Q T	6
008	42	PAAD381128	CONICAL SOCKET			W-FA-34CrMo-Q T	1.3
009	42	PAAD381130	BUSH			W-FU-355-J0	4.1
010	48	PAAD379030	SPHERICAL ROUND NUT			W-FA-42CrMo-Q T	0.376
011	1	107.367.119.001	SEALING PIECE				0.001
012	6	PTAA086389	JOINT DISC				0
013	42	PAAD024777	PLUG			W-FU-235-JR	0.001
014	2	PAAD214749	ENGINE SIDE STOPPER				20.3
015	2	PAAD214952	ENGINE SIDE STOPPER				24
016	4	107.325.275.001	WEDGE	45x25x450		W-FU-235-JR	3.8
017	1	107.401.839	FITTING INSTRUCTIONS				
Prod.	5 X52-S2.0 5 X52DF-S1.0		5 X52DF-S2.0				
Change History							
	A	ara101	mhu019	22.02.2024	CNAA005102	Drawing updated	4 3
	-	npa101	mhu019	03.04.2023	CNAA003284	New MainDesign	- -
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved Activity Code E C
				ENGINE SEATING/FOUNDATION FOUNDATION ARRANGEMENT: STANDARD			
Bill Of Material				Dimension			
Copyright Winterthur Gas & Diesel Ltd. All rights reserved. By taking possession of the document the recipient recognizes and honours these rights. Neither the whole nor any part of this document may be used in any way for construction, fabrication, marketing or any other purpose nor copied in any way nor made accessible to third parties without the previous written consent of Winterthur Gas & Diesel Ltd.				Units	[m] [kg]	Basic Material	Net Weight 591
				Main Design	Yes	Design Group 9710 Q-Code X X M	Standard WDS
				Qty per	Engine	A4 Item ID PTAA056757	BOM Page/s 01/01

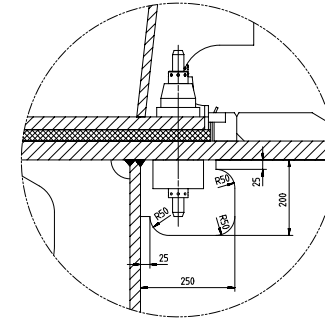
SECTION A-A

SCALE 1:10

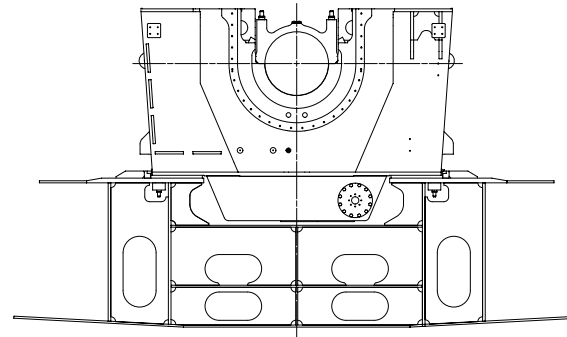
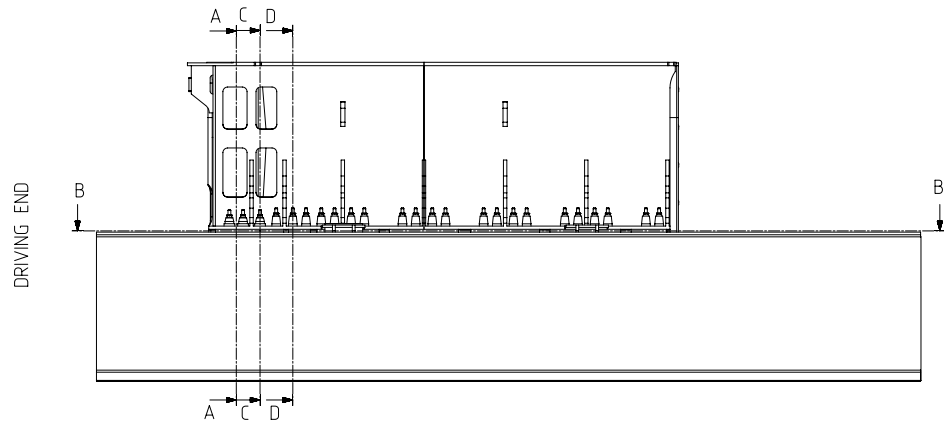


DETAIL E

SCALE 1:5



- *1) HEIGHT TO BE DETERMINED BY SHIPYARD, FOR DIMENSIONS AND LAYOUT OF LUB. OIL DRAIN TANK AND DRAINS REFER TO DESIGN GROUP 9722
- *2) CHOCK THICKNESS 30^{+30}_{-5} MM
- FINAL CHOCK THICKNESS TO BE DETERMINED BY SHIPYARD
- *3) FINAL DISTANCES ACCORDING TO APPROPRIATE RULES
- *4) QUANTITY DEPENDING ON SHIPYARD DESIGN



EX-10-022									
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
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421	422	423	424	425	426	427	428	429	430
431	432	433	434	435	436	437	438	439	440
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451	452	453	454	455	456	457	458	459	460
461	462	463	464	465	466	467	468	469	470
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481	482	483	484	485	486	487	488	489	490
491	492	493	494	495	496	497	498	499	500
501	502	503	504	505	506	507	508	509	510
511	512	513	514	515	516	517	518	519	520
521	522	523	524	525	526	527	528	529	530
531	532	533	534	535	536	537	538	539	540
541	542	543	544	545	546	547	548	549	550
551	552	553	554	555	556	557	558	559	560
561	562	563	564	565	566	567	568	569	570
571	572	573	574	575	576	577	578	579	580
581	582	583	584	585	586	587	588	589	590
591	592	593	594	595	596	597	598	599	600
601	602	603	604	605	606	607	608	609	610
611	612	613	614	615	616	617	618	619	620
621	622	623	624	625	626	627	628	629	630
631	632	633	634	635	636	637	638	639	640
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681	682	683	684	685	686	687	688	689	690
691	692	693	694	695	696	697	698	699	700
701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800
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811	812	813	814	815	816	817	818	819	820
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861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900
901	902	903	904	905	906	907	908	909	910
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921	922	923	924	925	926	927	928	929	930
931	932	933	934	935	936	937	938	939	940
941	942	943	944	945	946	947	948	949	950
951	952	953	954	955	956	957	958	959	960
961	962	963	964	965	966	967	968	969	970
971	972	973	974	975	976	977	978	979	980
981	982	983	984	985	986	987	988	989	990
991	992	993	994	995	996	997	998	999	1000

SECTION B-B
CHOCKING AND DRILLING PLAN FOR FOUNDATION BOLTS

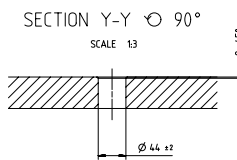
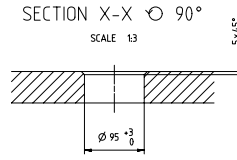
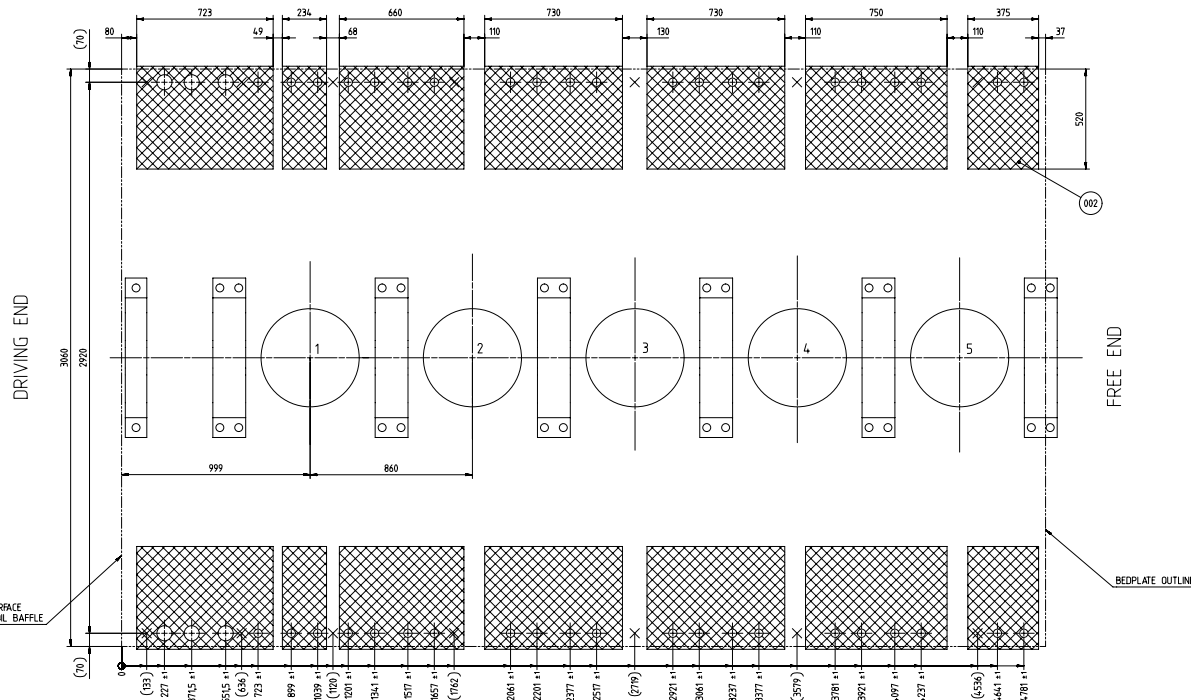
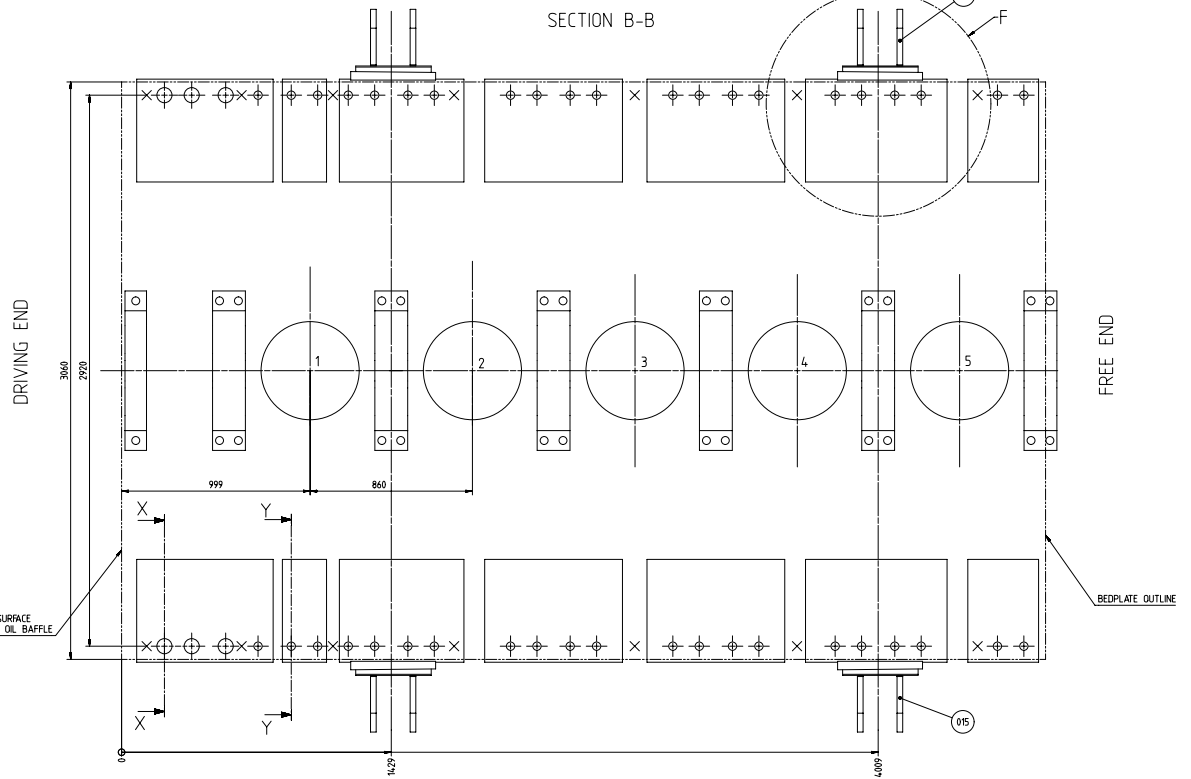


Table: Design values

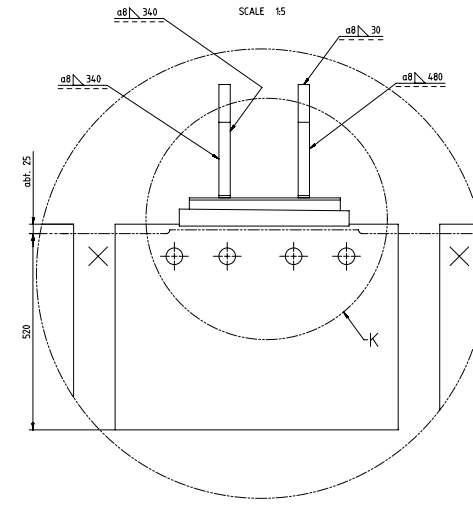
No. of cylinders	No. of thrust sleeves	Total no. of bolt holes
5	6	48
Proposed dimension of epoxy resin chock *1)		
Chock length per side (mm)	Chocking area (cm ²)	Chock volume requirements *2) (dm ³)
4,202	44862	min. 120 max. 288

- Remarks:
- *1) Proposed dimensions are based on the following assumptions:
 - The maximum permissible mean static pressure is 4.5 N/mm² *3)
 - The dead-weight loading from the engine (incl. net engine mass, vibration damper, flywheel, water and oil results in a mean static pressure below 0.8 N/mm²
 - Engine fastener loading is in line with fully tightened bolts in accordance with fitting instruction).
 - *2) Referring to a standardized chock thickness of 25 mm to 60 mm.
 - *3) The verification of the maximum permissible mean static pressure for the epoxy resin chock is to be conducted in conjunction with the chock manufacture during the early stages of the project. This allows the shipyard to determine the final chock dimensions to achieve the relevant class approval.
 - *4) Execution shown on drawing.

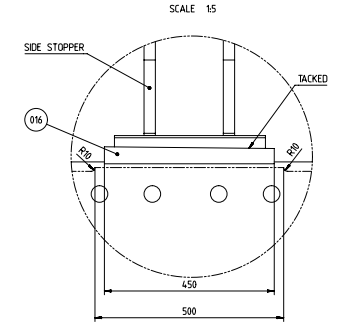
SECTION B-B



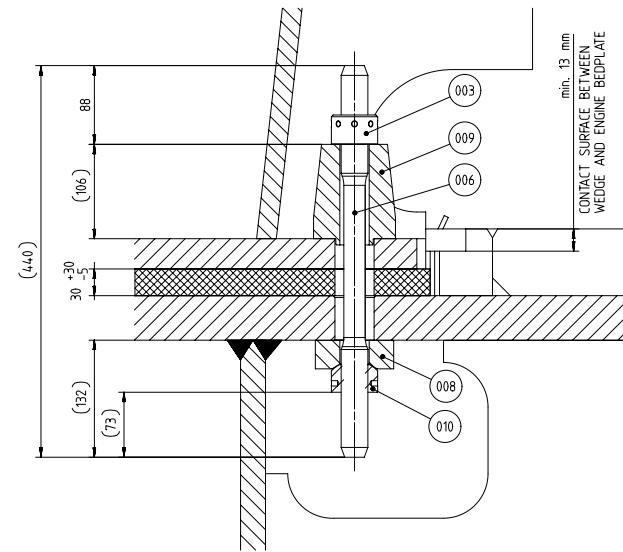
DETAIL F



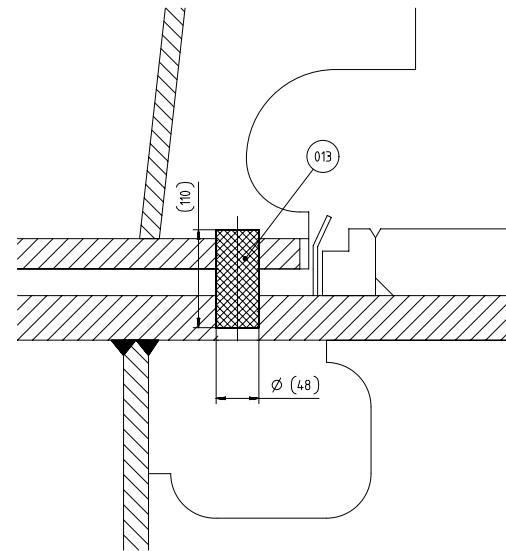
DETAIL K



SECTION D-D
ARRANGEMENT AFTER POURING
THE EPOXY RESIN CHOCK



SECTION D-D
ARRANGEMENT BEFORE POURING
THE EPOXY RESIN CHOCK



SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
1	1	PAAD381145	RIB			W-FU-355-J0	26
2	1	107.398.394.500	EPOXY RESIN				0.001
3	56	107.345.876.002	ROUND NUT	M30		W-FA-42CrMo-QT	0.37
4	8	PAAD380992	SLEEVE			W-FA-34CrMo-QT	6.8
5	8	PAAD381136	BUSH			W-FU-355-J0	2.6
6	56	PAAD381118	ELASTIC BOLT			W-FA-42CrMo-QT	2.1
7	8	PAAD381113	CONICAL SOCKET			W-FA-34CrMo-QT	6
8	48	PAAD381128	CONICAL SOCKET			W-FA-34CrMo-QT	1.3
9	48	PAAD381130	BUSH			W-FU-355-J0	4.1
10	56	PAAD379030	SPHERICAL ROUND NUT			W-FA-42CrMo-QT	0.376
11	1	107.367.119.001	SEALING PIECE				0.001
12	8	PTAA086389	JOINT DISC				0
13	48	PAAD024777	PLUG			W-FU-235-JR	0.001
14	3	PAAD214749	ENGINE SIDE STOPPER				20.3
15	3	PAAD214952	ENGINE SIDE STOPPER				24
18	6	107.325.275.001	WEDGE	45x25x450		W-FU-235-JR	3.8
19	1	107.401.839	FITTING INSTRUCTIONS				

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Prod.	6 X52-S2.0 6 X52DF-A-S1.0				6 X52DF-M-S1.0 6 X52DF-S1.0		6 X52DF-S2.0				
Change History	C	ara101	mhu019	22.02.2024	CNAA005102	Drawing updated				4	3
	B	sna102	mhu019	22.11.2022	CNAA002783	Drawing Updated				4	3
	A	sna102	dst009	05.07.2022	CNAA002149	Drawing Updated				4	3
	-	dkio21	mhu019	29.04.2021	EAAD787467	-				-	-
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis			Approved	Activity Code	E

WIN GD Winterthur Gas & Diesel		ENGINE SEATING/FOUNDATION							
		FOUNDATION ARRANGEMENT: STANDARD							
Bill Of Material		Dimension							
Copyright Winterthur Gas & Diesel Ltd. All rights reserved. By taking possession of the document the recipient recognizes and honours these rights. Neither the whole nor any part of this document may be used in any way for construction, fabrication, marketing or any other purpose nor copied in any way nor made accessible to third parties without the previous written consent of Winterthur Gas & Diesel Ltd.	Units	[m] [kg]	Basic Material			Net Weight		724	
	Main Design	Yes	Design Group		9710	Q-Code	X X M	Standard	WDS
	Qty per	Engine	A4	Item ID	PAAD381194			BOM Page/s	01/01

DRIVING END

FREE END

SECTION A-A
SCALE 1:10

DETAIL E
SCALE 1:5

- *1) HEIGHT TO BE DETERMINED BY SHIPYARD. FOR DIMENSIONS AND LAYOUT OF LUB. OIL DRAIN TANK AND DRAINS REFER TO DESIGN GROUP 9722
- *2) CHOCK THICKNESS 30^{+30}_{-5} MM
- FINAL CHOCK THICKNESS TO BE DETERMINED BY SHIPYARD
- *3) FINAL DISTANCES ACCORDING TO APPROPRIATE RULES
- *4) QUANTITY DEPENDING ON SHIPYARD DESIGN

Title		6X52-S2.0	6X52DF-M-S1.0	6X52DF-S1.0	6X52DF-S2.0		
C		09.10.2024	22.02.2024	04.05.2022		4	3
B		09.10.2024	22.11.2022	05.07.2022		4	3
A		09.10.2024	05.07.2022	05.07.2022		4	3
-		09.10.2024	29.04.2021	05.07.2022		-	-
Rev.		Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved
Activity Code		E	C				
WINGD		ENGINE SEATING/FOUNDATION					
Winterthur Gas & Diesel		FOUNDATION ARRANGEMENT: STANDARD					
separate BOM available		Dimension					
Scale		1:20	1:10	1:5	1:1	Units [mm] [kg]	Basic Material
Main		Design	Yes	Design	Group	9710	Q-Code X X M
Qty		per	Engine	A0	Item	10	PAAD381194
Drawing		1/3					
SURFACE PROTECTION SEE GROUP 0364		Copyright Winterthur Gas & Diesel Ltd. All rights reserved.					
TOLERANCING PRINCIPLE ISO8015		All dimensions are in mm unless otherwise specified.					
GENERAL TOLERANCES ACCORDING TO ISO2768-MS		Any not made according to this standard is subject to the provisions of the contract.					

B-B



No. of cylinders	No. of thrust sleeves	Total no. of bolt holes	
6	8	56	
Proposed dimension of epoxy resin chock *1)			
Chock length per side	Chocking area	Chock volume requirements *2)	
(mm)	(cm ²)	(dm ³)	
4932	5263	min.	max.
		120	288

*1) Proposed dimensions are based on the following assumptions:

- The maximum permissible mean static pressure is 4.5 N/mm² *3)
- The dead-weight loading from the engine (incl. net engine mass, vibration damper, flywheel, water and oil) results in a mean static pressure below 0.8 N/mm²
- Engine fastener loading is in line with fully tightened bolts (in accordance with fitting instruction).

*3) The verification of the maximum permissible mean static pressure for the epoxy resin chock is to be conducted in conjunction with the chock manufacture during the early stages of the project. This allows the shipyard to determine the final chock dimensions to achieve the relevant class approval.



011

SMEAR CONTACT SURFACE WITH GASKET SEALANT (LOOSELY APPLIED) BEFORE ASSEMBLY

Ø (95)

$\varnothing (95)$

012 (C)

007

010 (C)

Technical drawing of a cross-section of a mechanical assembly, showing a wedge and engine bedplate. The drawing includes dimensions and callouts for specific parts.

Dimensions:

- Overall height: (440)
- Height of the upper section: 88
- Height of the lower section: (106)
- Height of the lower section (with tolerance): 30^{+30}_{-5}
- Height of the lower section (with tolerance): (132)
- Height of the lower section (with tolerance): (68.5)

Callouts for specific parts:

- 003
- 006
- 009
- 008
- 010

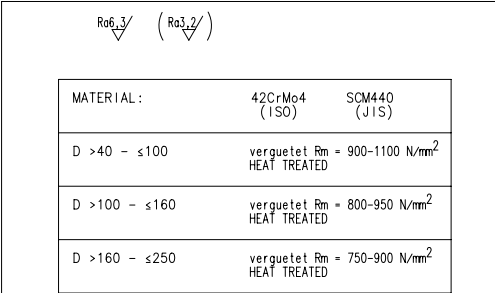
Text: CONTACT SURFACE BETWEEN WEDGE AND ENGINE BEDPLATE

min. 13 mm

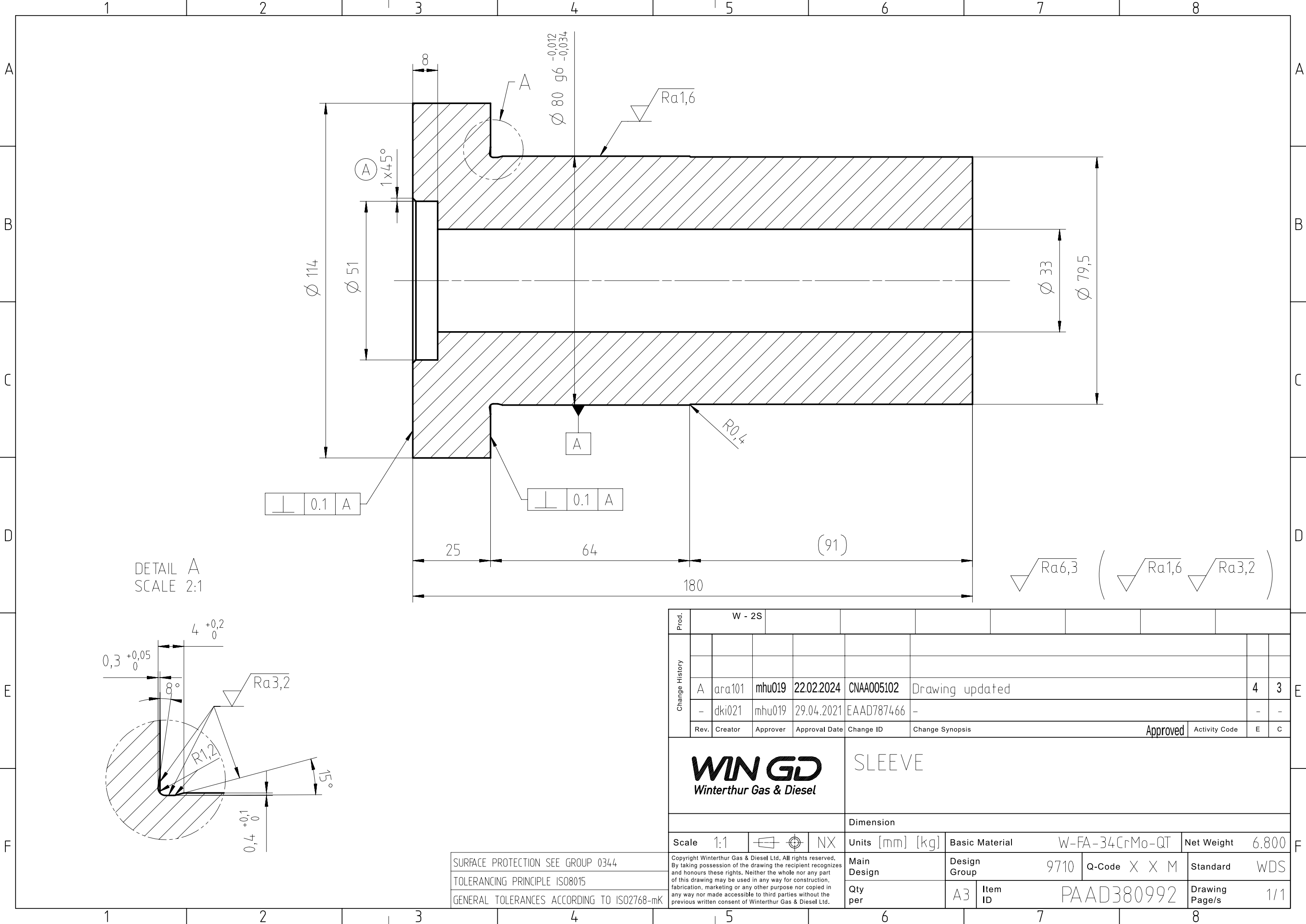
008
010 C

SURFACE PROTECTION SEE GROUP 03/44		TOLERANCING PRINCIPLE ISO8015		GENERAL TOLERANCES ACCORDING TO ISO2768-mK		Change C Rev. 010101 Creator mhu019 Approver 22.02.2024 Approval Date CNA005102 Change ID Drawing updated Change Synopsis 4 Version 3 Page	
Approved Activity Code E Code						PAAD381194 Drawing Page/s 3/3 Page	

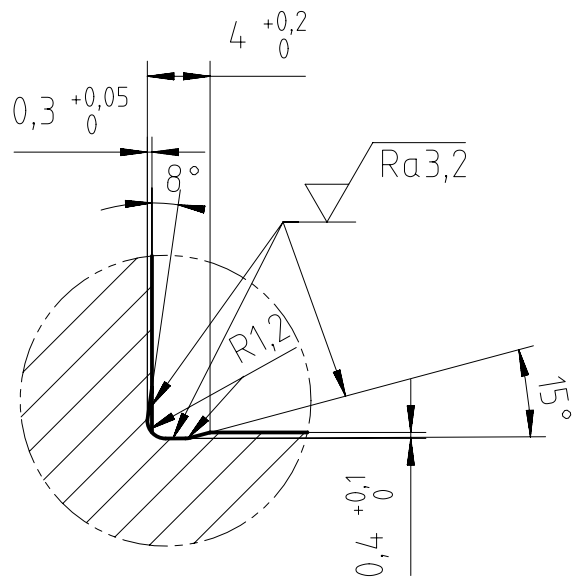
F



1	020	107.345.876.020	ROUND NUT	M100	107.345.876	W-FA-42G-Mo-Cr	13,2						
1	019	107.345.876.019	ROUND NUT	M95	107.345.876	W-FA-42G-Mo-Cr	11,4						
1	018	107.345.876.018	ROUND NUT	M90	107.345.876	W-FA-42G-Mo-Cr	9,7						
1	017	107.345.876.017	ROUND NUT	M85	107.345.876	W-FA-42G-Mo-Cr	8,1						
1	016	107.345.876.016	ROUND NUT	M80	107.345.876	W-FA-42G-Mo-Cr	6,8						
1	015	107.345.876.015	ROUND NUT	M76	107.345.876	W-FA-42G-Mo-Cr	5,9						
1	014	107.345.876.014	ROUND NUT	M72	107.345.876	W-FA-42G-Mo-Cr	5,0						
1	013	107.345.876.013	ROUND NUT	M68	107.345.876	W-FA-42G-Mo-Cr	4,2						
1	012	107.345.876.012	ROUND NUT	M64	107.345.876	W-FA-42G-Mo-Cr	3,5						
1	011	107.345.876.011	ROUND NUT	M60	107.345.876	W-FA-42G-Mo-Cr	2,9						
1	010	107.345.876.010	ROUND NUT	M56	107.345.876	W-FA-42G-Mo-Cr	2,36						
1	009	107.345.876.009	ROUND NUT	M52	107.345.876	W-FA-42G-Mo-Cr	1,86						
1	008	107.345.876.008	ROUND NUT	M48	107.345.876	W-FA-42G-Mo-Cr	1,42						
1	007	107.345.876.007	ROUND NUT	M45	107.345.876	W-FA-42G-Mo-Cr	1,2						
1	006	107.345.876.006	ROUND NUT	M42	107.345.876	W-FA-42G-Mo-Cr	0,96						
1	005	107.345.876.005	ROUND NUT	M39	107.345.876	W-FA-42G-Mo-Cr	0,79						
1	004	107.345.876.004	ROUND NUT	M36	107.345.876	W-FA-42G-Mo-Cr	0,63						
1	003	107.345.876.003	ROUND NUT	M33	107.345.876	W-FA-42G-Mo-Cr	0,49						
1	002	107.345.876.002	ROUND NUT	M30	107.345.876	W-FA-42G-Mo-Cr	0,37						
1	001	107.345.876.001	ROUND NUT	M27	107.345.876	W-FA-42G-Mo-Cr	0,25						
QTY	SEQ NO	Material ID	Material Name	Standard or Drawing	Basic Material	Weight GR/NET							
Free size 30.48				Dimension, Dc	G-Code XQXXX Standard ISO, JIS	Main Dwg.							
Hold.	A	EAA070007	13.01.2011	B	EAA008439	06.02.2013	C	EAA0087822	12.07.2017				
	Number	Draw date	Number	Draw date	Number	Draw date	Number	Draw date	Number	Draw date			
Product W-25			ROUND NUT										
WIN GEAR Winnor Snc & Snc			ROUND NUT										
Units mm kg NY Basic Material Net Weight													



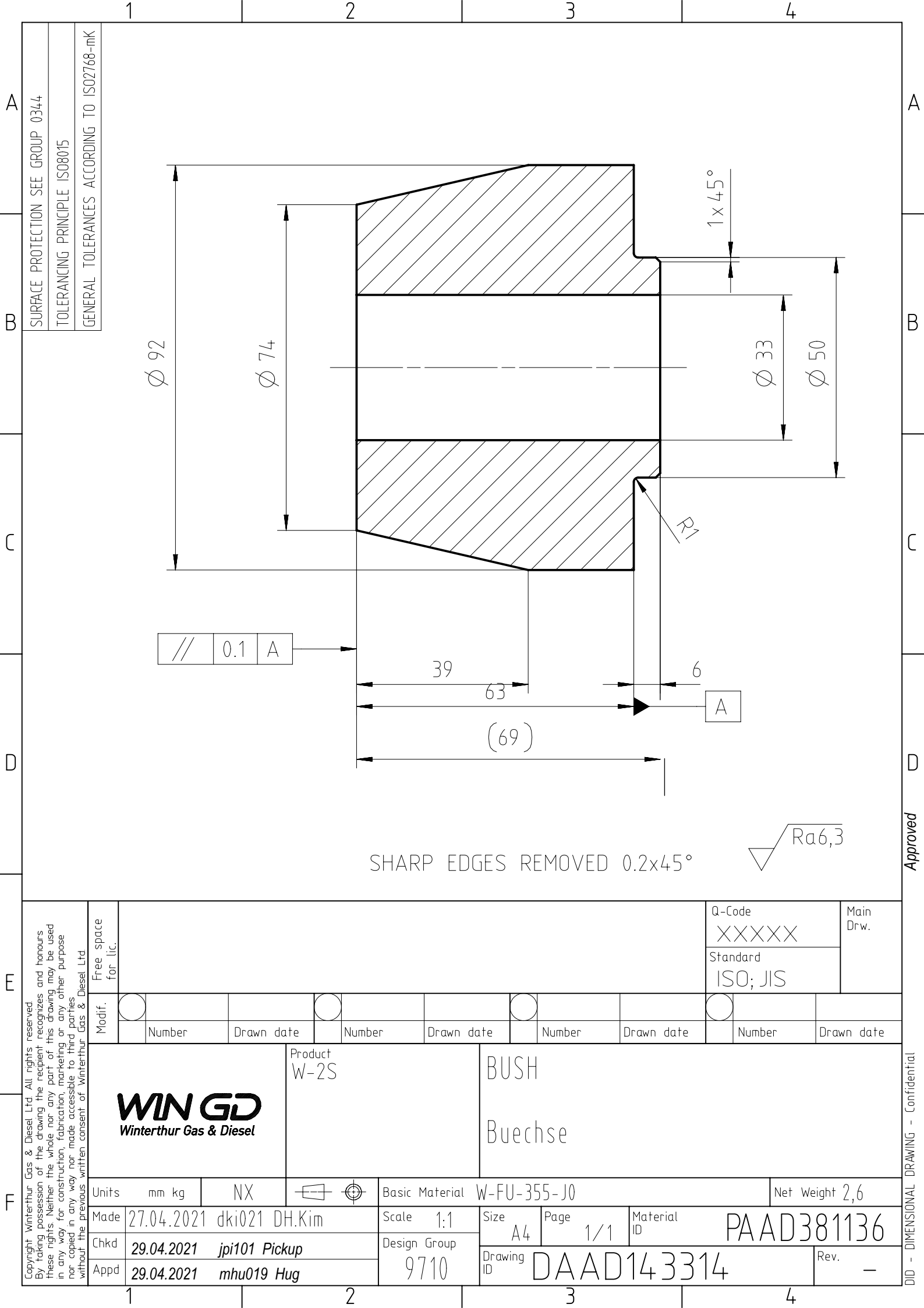
DETAIL A
SCALE 2:1



SURFACE PROTECTION SEE GROUP 0344
TOLERANCING PRINCIPLE ISO8015
GENERAL TOLERANCES ACCORDING TO ISO2768-mK

Prod.	W - 2S																	
Change History																		
	A	ara101	mhu019	22.02.2024	CNAA005102	Drawing updated					4	3						
	-	dki021	mhu019	29.04.2021	EAAD787466	-					-	-						
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis					Approved	Activity Code	E	C				
WIN GD Winterthur Gas & Diesel					SLEEVE													
					Dimension													
Scale 1:1				NX	Units [mm] [kg]		Basic Material		W-FA-34CrMo-QT		Net Weight		6.800					
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					Qty per		A3		Item ID		PAAD380992		Drawing Page/s		1/1			

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SURFACE PROTECTION SEE GROUP 03/44
TOLERANCING PRINCIPLE ISO8015
GENERAL TOLERANCES ACCORDING TO ISO2768-mK

0.1 A

SHARP EDGES REMOVED 0.2x45°

Ra6,3

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				Standard ISO; JIS													
Modif.	Number	Drawn date	Modif.	Number	Drawn date	Modif.	Number	Drawn date	Modif.	Number	Drawn date						
WIN GD Winterthur Gas & Diesel		Product W-2S		BUSH Buechse													
Units	mm kg	NX		Basic Material W-FU-355-J0				Net Weight 2,6									
Made	27.04.2021 dki021 DH.Kim			Scale	1:1		Size	A4		Page	1/1		Material ID	PAAD381136			
Chkd	29.04.2021 jpi101 Pickup			Design Group		9710		Drawing ID		DAAD143314				Rev.		-	
Appd	29.04.2021 mhu019 Hug																

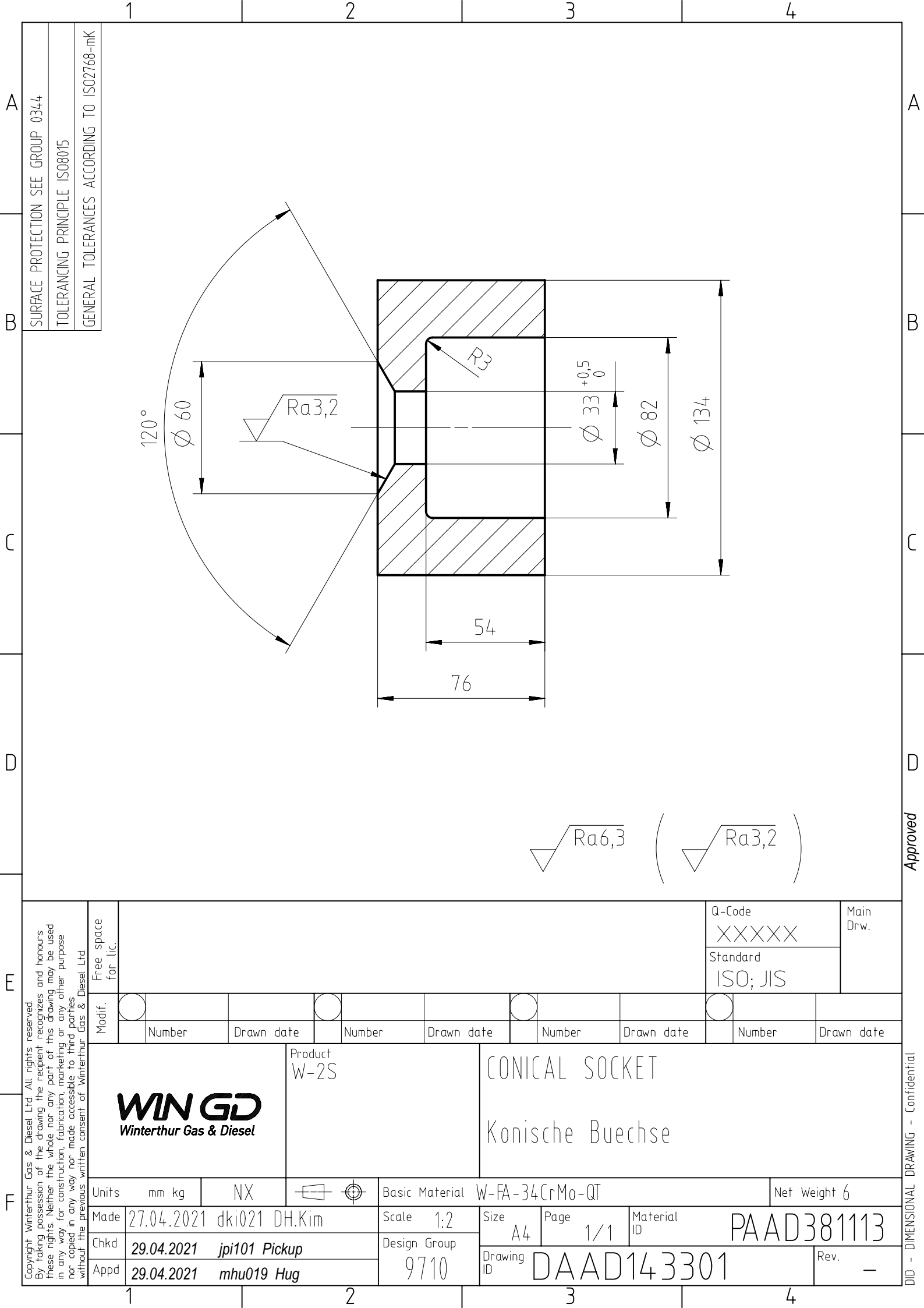

$$R_m = 1000 + {}_0^{200} \text{ N/mm}^2$$

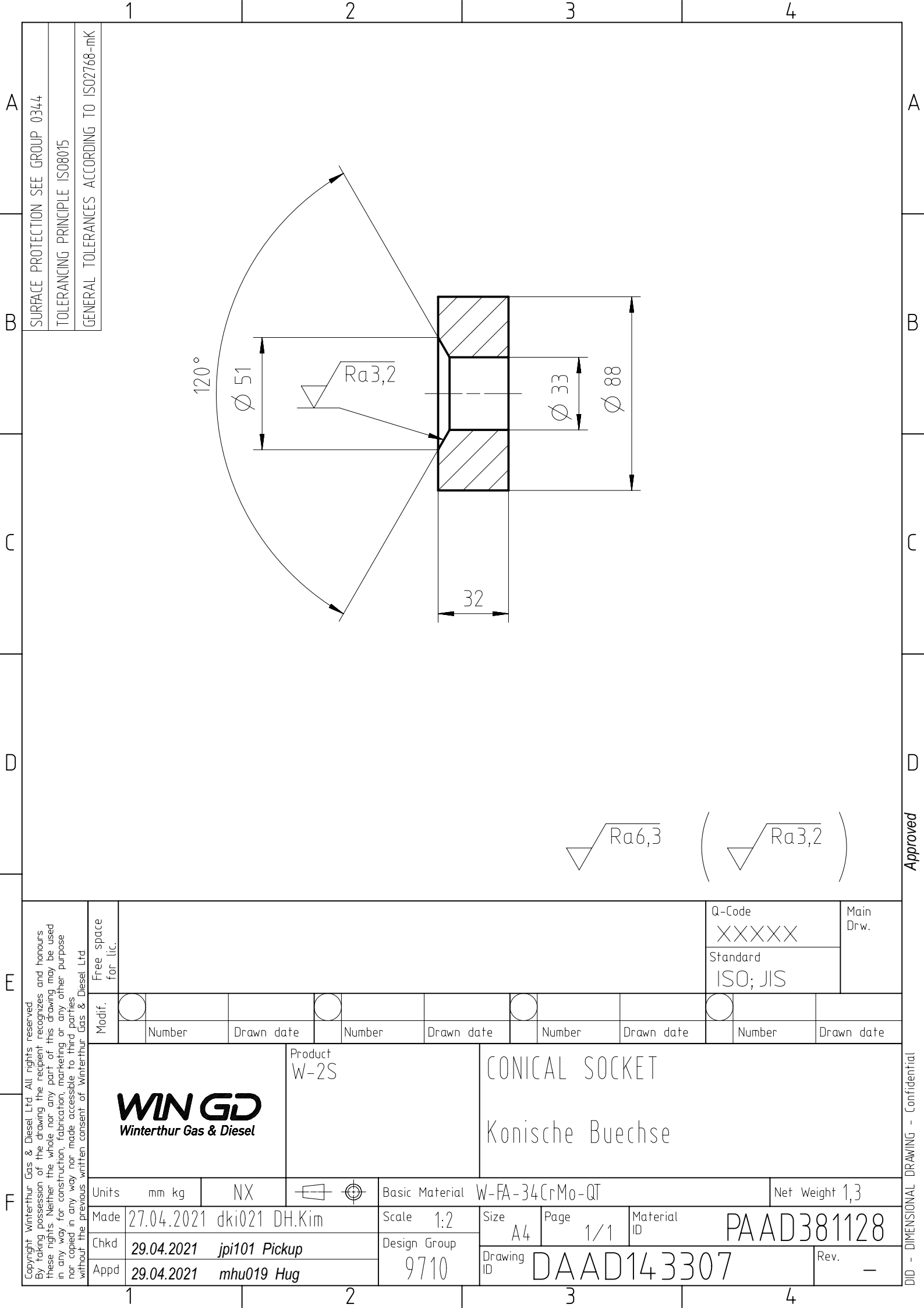
YIELD STRENGTH $R_e = \text{min. } 790 \text{ N/mm}^2$

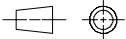
$$A(L_0 = 5d_0) = \min. 11\%$$

This table specifies documents in accordance with "UR M72 - Certification of Engine Components" (or DIN EN 10204-(2004) 'TYPES OF INSPECTION DOCUMENTS')		
Additional class rules may apply. Please contact the relevant class society to determine actual requirements.		
TEST TYPE:	CERTIFICATE TYPE:	TESTING FREQUENCY:
MATERIAL	MATERIAL IDENTIFICATION	-
CHEMICAL ANALYSIS	INSPECTION CERTIFICATE 3.1 (INDEPENDENT AUTHORITY)	TEST PER ORDER LOT OR PER CHARGE IF SEVERAL CHARGES
TENSILE TEST	INSPECTION CERTIFICATE 3.1 (INDEPENDENT AUTHORITY)	TEST PER ORDER LOT OR PER CHARGE IF SEVERAL CHARGES
IMPACT TEST	INSPECTION CERTIFICATE 3.1 (INDEPENDENT AUTHORITY)	TEST PER ORDER LOT OR PER CHARGE IF SEVERAL CHARGES
HARDNESS TEST	INSPECTION CERTIFICATE 3.1 (INDEPENDENT AUTHORITY)	EXAMINATION OF EACH PART
SURFACE CRACK DES. TEST	INSPECTION CERTIFICATE 3.1 (INDEPENDENT AUTHORITY)	EXAMINATION OF EACH PART
ULTRASONIC TEST	INSPECTION CERTIFICATE 3.1 (INDEPENDENT AUTHORITY)	EXAMINATION OF EACH PART

1	001	107.427.450.200	MATERIAL AND TEST SPECIFICATION ELASTIC BOLT				107.427.450		0,006
QTY	SEQ NO	Material ID	Material Name Dimension, Occ			Standard or Drawing	Basic Material Material Standard	Weight GR./NET	
Free space for ILC.							Q-Code 1QXP1	Main Drw.	
							Standard ISO; JIS		
Modif.									
	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date	
 Winterthur Gas & Diesel			Product W-2S		ELASTIC BOLT Dehnbolzen				
Units	mm kg	NX		Basic Material W-FA-42CrMo-QT				Net Weight 2,1	
Made	27.04.2021	dk1021 DH.Kim	Scale 1:2	Size A3	Page 1/1	Material ID PAAD381118			
Chkd	29.04.2021	jpi101 Pickup	Design Group 9710	Drawing ID DAAD143304	Rev. —				
Appd	29.04.2021	mhu019 Hua							





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												Standard ISO; JIS		
Modif.	☐			☐			☐			☐				
		Number	Drawn date		Number	Drawn date		Number	Drawn date		Number	Drawn date		
 Winterthur Gas & Diesel			Product W-2S			CONICAL SOCKET Konische Buechse								
Units		mm kg	NX				Basic Material W-FA-34CrMo-QT					Net Weight 1,3		
Made	27.04.2021 dki021 DH.Kim				Scale 1:2		Size A4		Page 1/1		Material ID PAAD381128			
Chkd	29.04.2021 jpi101 Pickup				Design Group 9710		Drawing ID DAAD143307		Rev. —					
Appd	29.04.2021 mhu019 Hug													

SURFACE PROTECTION SEE GROUP 03/44

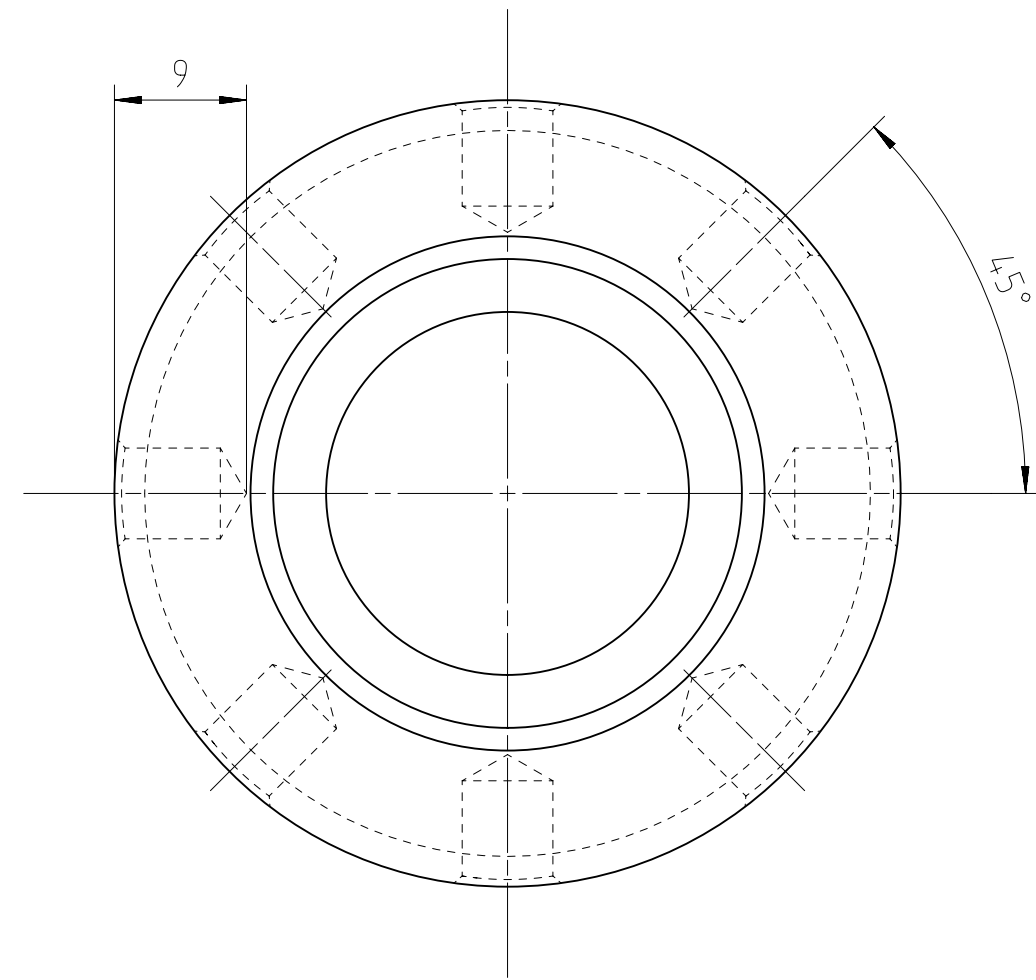
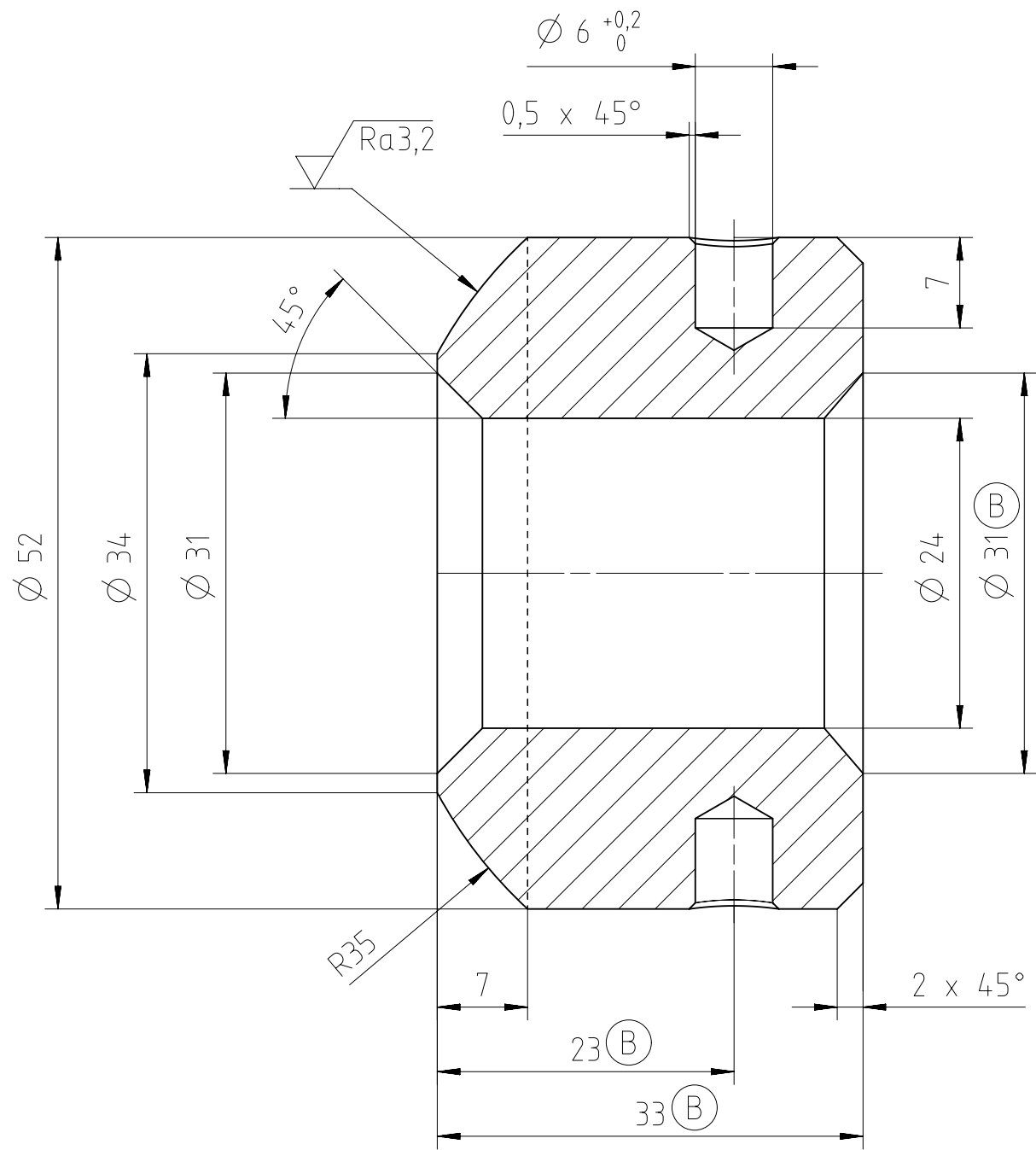
TOLERANCING PRINCIPLE ISO8015

GENERAL TOLERANCES ACCORDING TO ISO2768-mK



 Ra6,3

CONFIDENTIAL - DIMENSIONAL DRAWING - Confidential

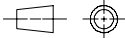


SHARP EDGES TO BE REMOVED 0,2x45°

Ra 6,3 (Ra 3,2)

(B) Rm = 900 ⁺²⁰⁰ 0 N/mm²
quench hardened and tempered

SURFACE PROTECTION SEE GROUP 0344
TOLERANCING PRINCIPLE ISO8015
GENERAL TOLERANCES ACCORDING TO ISO2768-mK

Prod.	X52-S2.0 X52DF-A-S1.0		X52DF-M-S1.0 X52DF-S1.0		X52DF-S2.0								
Change History													
	B	ara101	mhu019	22.02.2024	CNAA005102	Drawing updated					4	3	
	A	sde101	mhu019	24.03.2023	CNAA003448	Drawing update					4	3	
	-	dki021	mhu019	14.04.2021	EAAD787337	-					-	-	
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis					Approved	Activity Code	E
WIN GD Winterthur Gas & Diesel					SPHERICAL ROUND NUT								
					Dimension								
Scale 2:1				NX	Units [mm] [kg]		Basic Material W-FA-42CrMo-QT		Net Weight 0.376				
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					Qty per		A3	Item ID PAAD379030		Drawing Page/s 1/1			

GENERAL TOLERANCES ACCORDING TO ISO2768-mK

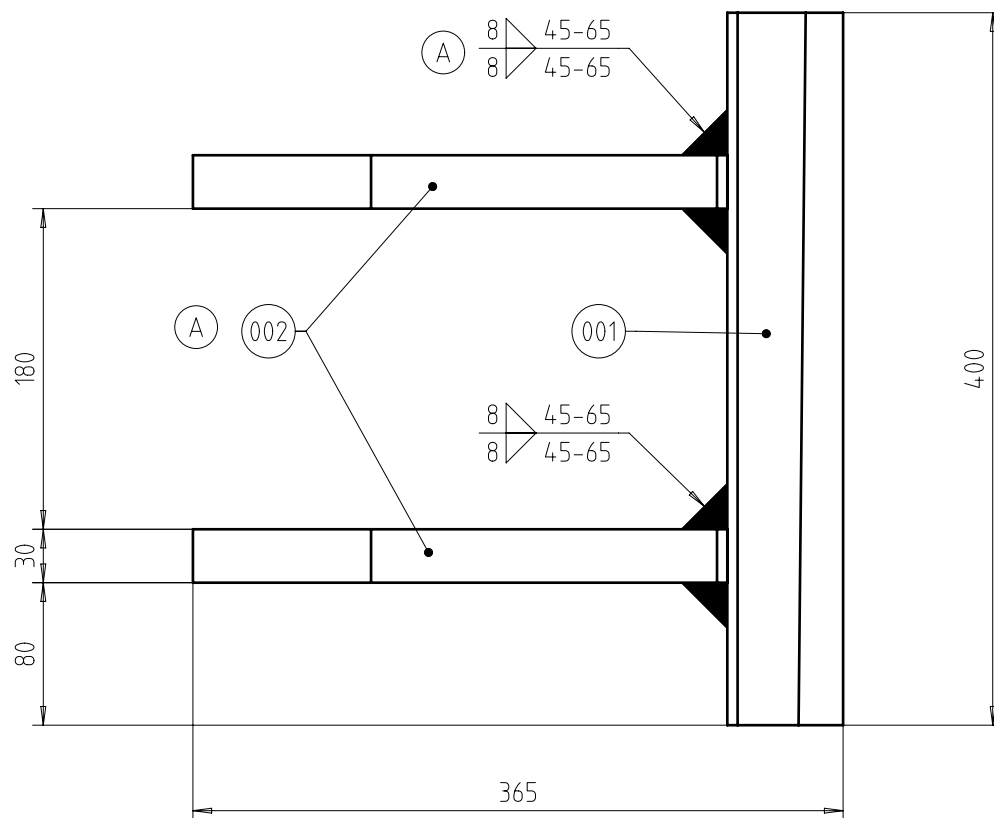
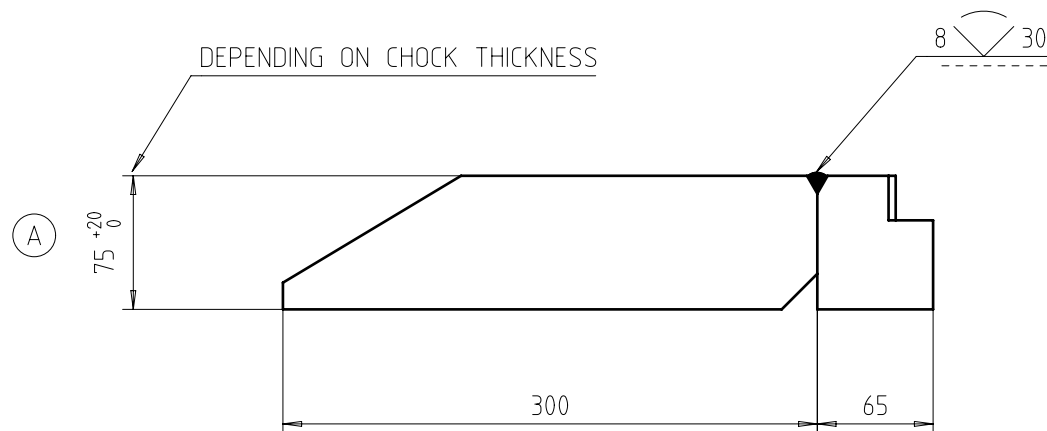


Dichtleiste

CPD - PRODUCTION DRAWING - Confidential

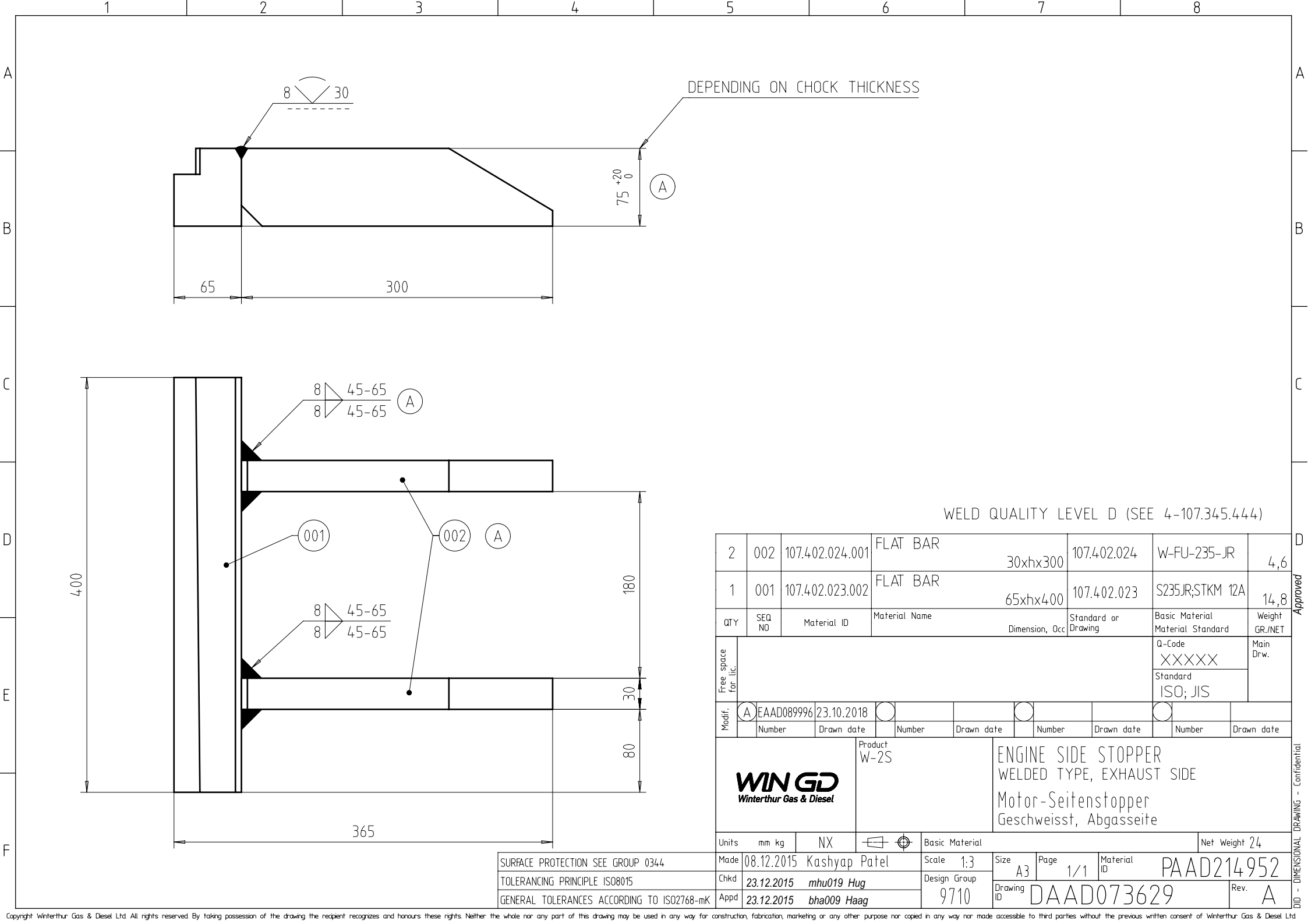
	1	2	3	4																																																									
A	SURFACE PROTECTION SEE GROUP 0344																																																												
B	TOLERANCING PRINCIPLE ISO8015																																																												
	GENERAL TOLERANCES ACCORDING TO ISO2768-mK																																																												
C																																																													
D	X = determined during assembly																																																												
E	<table><tr><td rowspan="2">Free space for lic.</td><td colspan="8">Q-Code</td><td rowspan="2">Main Drw.</td></tr><tr><td colspan="8">XXXXXX</td></tr><tr><td rowspan="2">Modif.</td><td colspan="8">Standard</td><td rowspan="2"></td></tr><tr><td colspan="8">ISO; JIS</td></tr><tr><td>A</td><td>EAAD091567</td><td>23.11.2019</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>Number</td><td>Drawn date</td><td></td><td>Number</td><td>Drawn date</td><td></td><td>Number</td><td>Drawn date</td><td></td></tr></table>				Free space for lic.	Q-Code								Main Drw.	XXXXXX								Modif.	Standard									ISO; JIS								A	EAAD091567	23.11.2019									Number	Drawn date		Number	Drawn date		Number	Drawn date		
Free space for lic.	Q-Code								Main Drw.																																																				
	XXXXXX																																																												
Modif.	Standard																																																												
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A	EAAD091567	23.11.2019																																																											
	Number	Drawn date		Number	Drawn date		Number	Drawn date																																																					
F	<table><tr><td colspan="2"></td><td>Product</td><td colspan="2">W-2S</td><td colspan="4">JOINT DISC</td></tr><tr><td colspan="2"></td><td></td><td colspan="2"></td><td colspan="4">Dichtscheibe</td></tr><tr><td>Units</td><td>mm kg</td><td>NX</td><td></td><td colspan="4">Basic Material Rubber750</td><td colspan="2">Net Weight 0,002</td></tr><tr><td>Made</td><td colspan="3">20.09.2010 jba029 Baumann</td><td>Scale 1:1</td><td>Size A4</td><td>Page 1/1</td><td>Material ID 107.410.829.001</td><td colspan="2"></td></tr><tr><td>Chkd</td><td colspan="3">23.12.2010 wwr001 Wroblewski</td><td>Design Group 9710</td><td colspan="2">Drawing ID 107.410.829</td><td colspan="2">Rev. A</td></tr><tr><td>Appd</td><td colspan="3">23.12.2010 dst009 Strödecke</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr></table>						Product	W-2S		JOINT DISC									Dichtscheibe				Units	mm kg	NX		Basic Material Rubber750				Net Weight 0,002		Made	20.09.2010 jba029 Baumann			Scale 1:1	Size A4	Page 1/1	Material ID 107.410.829.001			Chkd	23.12.2010 wwr001 Wroblewski			Design Group 9710	Drawing ID 107.410.829		Rev. A		Appd	23.12.2010 dst009 Strödecke								
		Product	W-2S		JOINT DISC																																																								
					Dichtscheibe																																																								
Units	mm kg	NX		Basic Material Rubber750				Net Weight 0,002																																																					
Made	20.09.2010 jba029 Baumann			Scale 1:1	Size A4	Page 1/1	Material ID 107.410.829.001																																																						
Chkd	23.12.2010 wwr001 Wroblewski			Design Group 9710	Drawing ID 107.410.829		Rev. A																																																						
Appd	23.12.2010 dst009 Strödecke																																																												
	1	2	3	4																																																									
ILD - INSTALLATION DRAWING - Internal																																																													

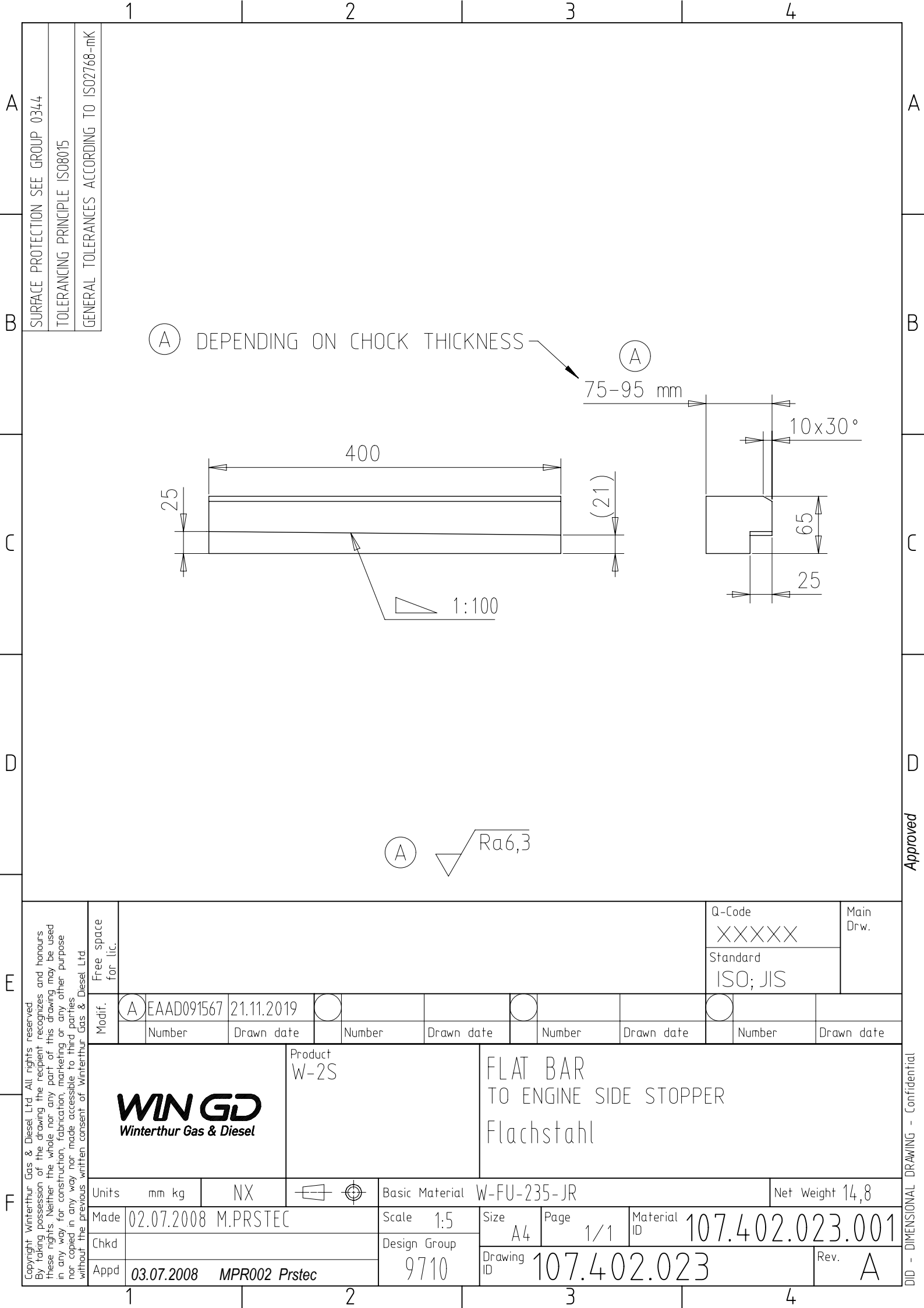
		1		2		3		4			
A		SURFACE PROTECTION SEE GROUP 03/44								A	
B		TOLERANCING PRINCIPLE ISO8015								B	
		GENERAL TOLERANCES ACCORDING TO ISO2768-mK									
		110 ø48									
C										C	
D		*) Material according to shipyard experience								D	
										Approved	
E		Free space for lic. Q-Code XXXXXX Standard ISO; JIS Main Drw.									
		Modif. A EAAD091567 23.11.2019 Number Drawn date Number Drawn date Number Drawn date Number Drawn date									
		WIN GD Winterthur Gas & Diesel Product W-2S PLUG									
F		Units mm kg NX Basic Material *) Net Weight 0,001									
		Made 22.11.2010 S. Feuerstein Scale 1:1 Size A4 Page 1/1 Material ID PAAD024777									
		Chkd 19.01.2011 wwr001 Wroblewski Design Group 9710 Drawing ID DAAD011552 Rev. A									
		Appd 19.01.2011 dst009 Strödecke									
		1		2		3		4			
										PD - PRODUCTION DRAWING - Confidential	

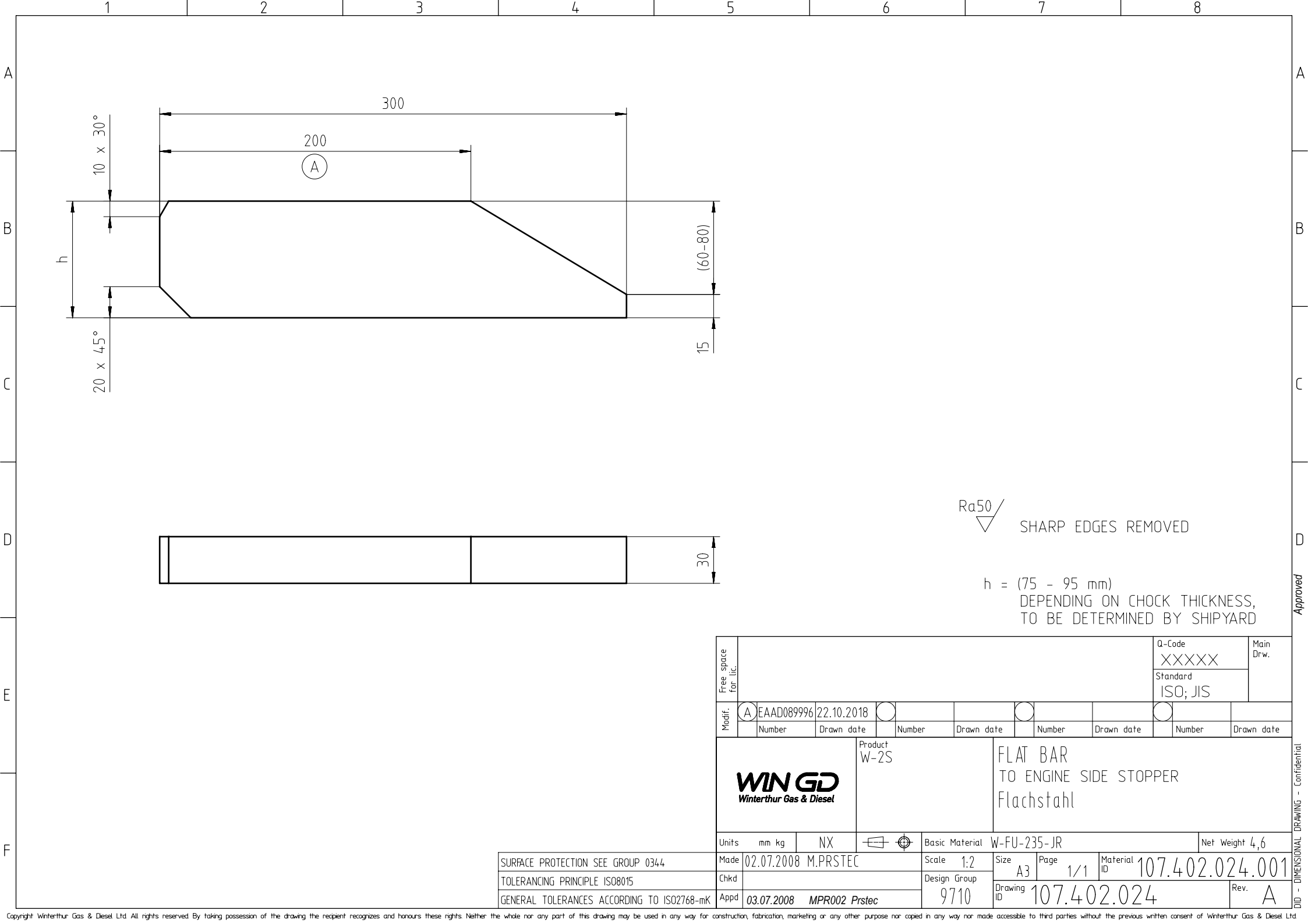


WELD QUALITY LEVEL D (SEE 4-107.345.444)

2	002	107.402.024.001	FLAT BAR	30xhx300	107.402.024	W-FU-235-JR	4,6
1	001	107.402.023.001	FLAT BAR	65xhx400	107.402.023	S235JR;STKM 12A	14,8
QTY	SEQ NO	Material ID	Material Name	Dimension, Occ	Standard or Drawing	Basic Material Material Standard	Weight GR./NET
Free space for lic.						Q-Code XXXXXX	Main Drw.
						Standard ISO; JIS	
Modif.	A	EAAD089996	23.10.2018				
	Number	Drawn date		Number	Drawn date		Number
 Winterthur Gas & Diesel			Product W-2S	ENGINE SIDE STOPPER WELDED TYPE, FUEL SIDE Motor-Seitenstopper Geschweisst, Brennstoffseite			
Units	mm kg	NX		Basic Material			Net Weight 24
Made	08.12.2015	Kashyap Patel	Scale 1:3	Size A3	Page 1/1	Material ID	PAAD214749
Chkd	23.12.2015	mhu019 Hug	Design Group	Drawing ID	DAAD073571	Rev.	A
Appd	23.12.2015	bha009 Haag	9710				







Ra50 /
SHARP EDGES REMOVED

h = (75 - 95 mm)
DEPENDENT ON CHOCK THICKNESS,
TO BE DETERMINED BY SHIPYARD

Free space for lic.								Q-Code	Main Drw.		
								XXXXXX			
Modif.	A	EAAD089996	22.10.2018					Standard	ISO; JIS		
		Number	Drawn date		Number	Drawn date		Number		Drawn date	
WIN GD Winterthur Gas & Diesel			Product W-2S		FLAT BAR TO ENGINE SIDE STOPPER Flachstahl						
Units	mm kg	NX		Basic Material W-FU-235-JR				Net Weight 4,6			
Made	02.07.2008 M.PRSTEC			Scale	1:2	Size	A3	Page	1/1	Material ID	107.402.024.001
Chkd				Design Group		9710		Drawing ID 107.402.024		Rev. A	
Appd	03.07.2008 MPR002 Prstec										

MIDS - WinGD X52/-S2.0/DF-S1.0 - ENGINE SEATING and FOUNDATION (DG9710)

TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2021-07-05	DRAWING SET	First web upload
2022-07-05	PAAD381194	Main drg – new drg revision
2022-12-08	PAAD381194	Main drg – new drg revision
2023-03-27	PAAD379030	Component (nut) drg - added
2023-04-04	PTAA056757	5 cyl. variant - added
2024-03-22	PAAD379030B PAAD380992A PAAD381194C PTAA056757A	New revision

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