

Uppgifter som upptas i denna handling är FFV egendom. Allt obehörigt utnyttjande därav kommer att beivras.

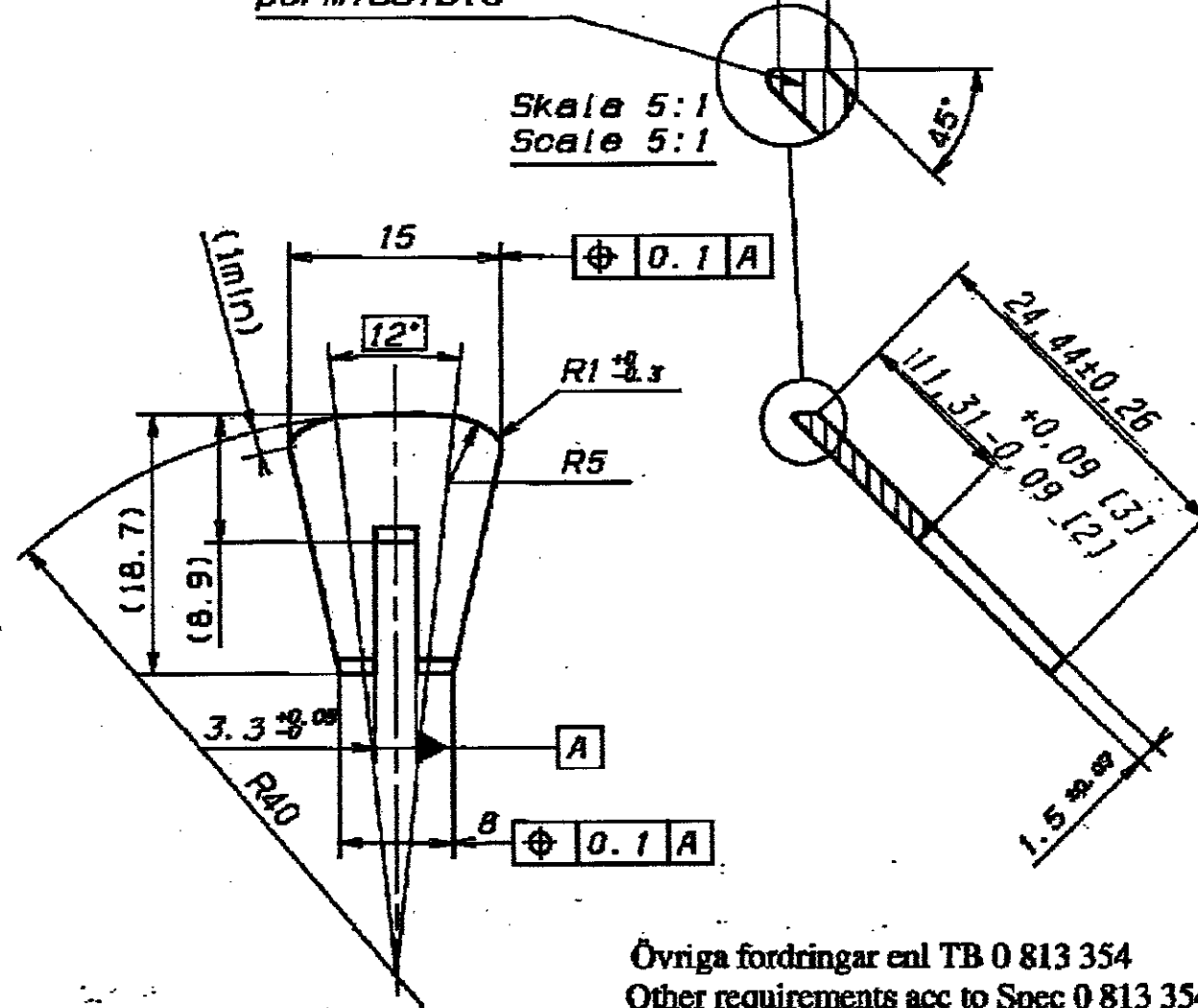
Utgåva	Ändr nr	Plats på ritning/Beskrivning	Datum	Utförd	Gransl/Godk
2	-	ÄO 601002665	09-01-15

Ojämn kant får förekomma
Uneven edge permissible

Gäller inom
Applies within 12°

0.6min

Skala 5:1
Scale 5:1



Övriga fordringar enl TB 0 813 354
Other requirements acc to Spec 0 813 354

Generellt gäller fordringsklass [3] där ej annat anges
Generally requirement class [3] applies unless otherwise stated

Material: EN 755-2, AW-AL 7075-T6 el likv/or equal Art nr/No: 05209770

F1881-4667106 SUPER IMPERIAL 80

Där ej annat anges gäller		Form- och lägetal enl SS-ISO 174		Skala	
Tolerans	YVM-het	Gradering	Mått	Mått	2:1
±IT 14/2		R 0.3 eller 0.3x45°	Mått efter yttre	Mått efter yttre	
Konstruktör	Konstruktionsklass	Konstruktionsklass	Godkänd	Registrerad	Översatt
HM	J-EJ	JJ	JJ		
Datum	Kontroll/översatt	Produktionsklass	Datum	Datum	Datum
890913	LW	LM	890918		
Benämning			Intern		
GLIDSKO SLIDE SHOE			Färdigt godk		
Föringsnummer/Drawing number			Utg Edition		
301075223			2		

01-164920

Ingår i Jfr **FFV**

AMENDMENTS

REV	DATE	DESCRIPTION	SIGN
257/08	14/08	DRG. AMENDED AS PER STORE DRG NO 901075223 (OLD STORE DRG NO - 5209770)	...
281/08	11/08	ALT. MATL & SHEET NO 2/2 ADDED	...
304/08	8/08	SHEET NO - 3/3 ADDED.	...
D 264/2010	22/11/10	DIMN. 1.5106 WAS 1.510-03	...
E 23/2014	29/11/14	NEW NEGATIVE MADE	-Scl- Sr.DIR/ODC

MATERIAL:
EN 755-2, AW-AL 7075-T6 **
OR
EN 485-2:2007(E), ALLOY EN AW-7075-T651 *

DRAWN	...
CHECKED	...
HOS/CDD	...
APPROVED BY	...
SR.DIR/ODC	...
DRAWING NO: FS-2770 E	SHEET NO 1/3

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Table 45 — Alloy EN AW-7075 [Al Zn5,5MgCu]

Temper	Specified thickness		R_m		$R_{p0,2}$		Elongation min.		Bend radius ^a		Hardness HBW ^a
	mm		MPa		MPa		%		180°	90°	
	over	up to	min.	max.	min.	max.	$A_{50\text{ mm}}$	A			
O	≥ 0,4	0,8		275		145	10		1,0 <i>t</i>	0,5 <i>t</i>	55
	0,8	1,5		275		145	10		2,0 <i>t</i>	1,0 <i>t</i>	55
	1,5	3,0		275		145	10		3,0 <i>t</i>	1,0 <i>t</i>	55
	3,0	6,0		275		145	10			2,5 <i>t</i>	55
	6,0	12,5		275		145	10			4,0 <i>t</i>	55
	12,5	75,0		275				9			55
T6	≥ 0,4	0,8	525		460		6			4,5 <i>t</i> ^b	157
T651	0,8	1,5	540		460		6			5,5 <i>t</i> ^b	160
T62	1,5	3,0	540		470		7			6,5 <i>t</i> ^b	161
	3,0	6,0	545		475		8			8,0 <i>t</i> ^b	163
	6,0	12,5	540		460		8			12 <i>t</i> ^b	160
	12,5	25,0	540		470			6			161
	25,0	50,0	530		460			5			158
	50,0	60,0	525		440			4			155
	60,0	80,0	495		420			4			147
	80,0	90,0	490		390			4			144
	90,0	100,0	460		360			3			135
	100,0	120,0	410		300			2			119
	120,0	150,0	360		260			2			104
	150,0	200,0	360		240			2			
	200,0	300,0	360		220			1			
T652	150,0	200,0	360		260			2			
	200,0	300,0	360		220			2			
T76	≥ 1,5	3,0	500		425		7				149
T7651	3,0	6,0	500		425		8				149
c	6,0	12,5	490		415		7				146
T73	≥ 1,5	3,0	460		385		7				137
T7351	3,0	6,0	460		385		8				137
	6,0	12,5	475		390		7				140
	12,5	25,0	475		390			6			140
	25,0	50,0	475		390			5			140
	50,0	60,0	455		360			5			133
	60,0	80,0	440		340			5			129
	80,0	100,0	430		340			5			126

Whenever a new application of this alloy is contemplated, and if this application involves special properties such as corrosion resistance, toughness, fatigue strength, it is strongly recommended that the user consult the producer in order to make a precise and appropriate selection of the material.

^a For information only.

^b Appreciably smaller cold bend radii can be achieved immediately after quenching.

"continued"

Table 48 : Alloy EN AW-7075 [Al Zn 5,5MgCu]

Extruded rod/bar								
Temper	Dimensions mm		R_m MPa		$R_{p0,2}$ MPa		A %	$A_{50 \text{ mm}}$ %
	D ¹⁾	S ²⁾	min.	max.	min.	max.	min.	min.
O, H111	≤ 200	≤ 200	-	275	-	165	10	8
** T6, T6510, T6511	≤ 25	≤ 25	540	-	480	-	7	5
	25 < D ≤ 100	25 < S ≤ 100	560	-	500	-	7	-
	100 < D ≤ 150	100 < S ≤ 150	530	-	470	-	6	-
	150 < D ≤ 200	150 < S ≤ 200	470	-	400	-	5	-
T73, T73510, T73511 ⁹⁾	≤ 25	≤ 25	485	-	420	-	7	5
	25 < D ≤ 75	25 < S ≤ 75	475	-	405	-	7	-
	75 < D ≤ 100	75 < S ≤ 100	470	-	390	-	6	-
	100 < D ≤ 150	100 < S ≤ 150	440	-	380	-	6	-
Extruded tube								
Temper	Dimensions mm		R_m MPa		$R_{p0,2}$ MPa		A %	$A_{50 \text{ mm}}$ %
	e ³⁾		min.	max.	min.	max.	min.	min.
O, H111	≤ 10		-	275	-	165	10	-
T6, T6510, T6511	≤ 5		540	-	485	-	8	6
	5 < e ≤ 10		560	-	505	-	7	5
	10 < e ≤ 50		560	-	495	-	6	4
T73, T73510, T73511 ⁹⁾	≤ 5		470	-	400	-	7	5
	5 < e ≤ 25		485	-	420	-	8	6
	25 < e ≤ 50		475	-	405	-	8	-
Extruded profile ¹⁰⁾								
Temper	Dimensions mm		R_m MPa		$R_{p0,2}$ MPa		A %	$A_{50 \text{ mm}}$ %
	e ³⁾		min.	max.	min.	max.	min.	min.
** T6, T6510, T6511	≤ 25		530	-	460	-	6	4
	25 < e ≤ 60		540	-	470	-	6	-
T73, 73510, T73511 ⁹⁾	≤ 25		485	-	420	-	7	5

1) D = Diameter for round bar.
 2) S = Width across flats for square and hexagonal bar, thickness for rectangular bar.
 3) e = Wall thickness.
 9) Refer to annex A and annex B, for material in this temper.
 10) If a profile cross-section is comprised of different thicknesses which fall in more than one set of specified mechanical property values, the lowest specified value shall be considered as valid for the whole profile cross-section.