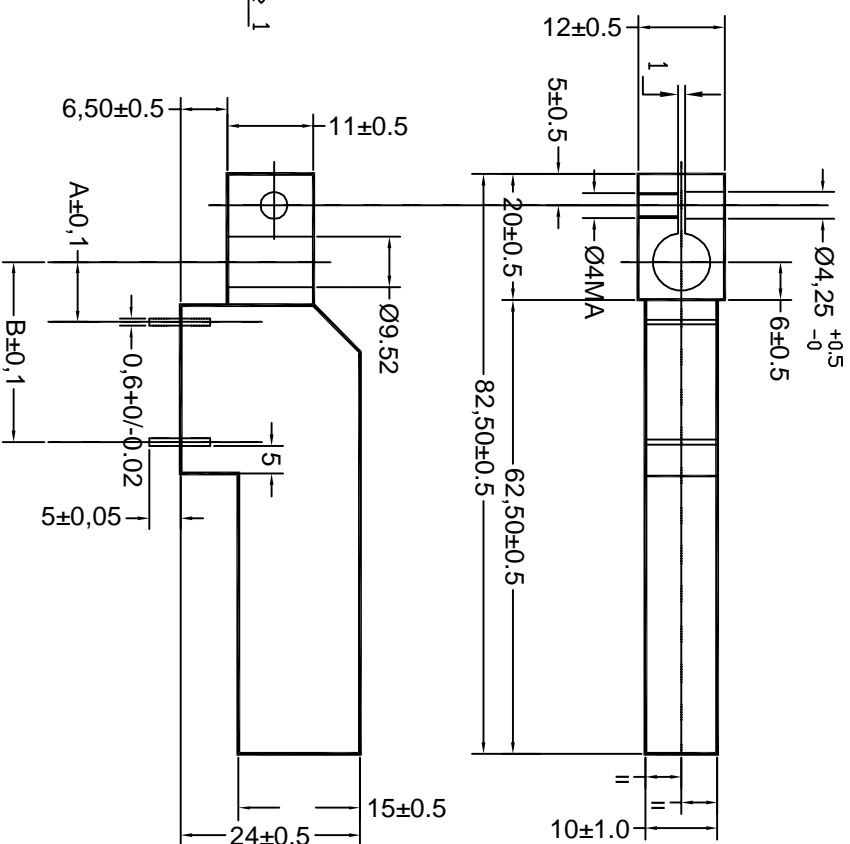



POS(**)	TP1(*)	A [mm]	B [mm]	Ballø(mm)
1	40r8	12.70	31.75	1.04
2	5	10.16	25.40	1.04
3	6	12.70	38.10	1.04
4	3	16.933	59.267	1.45

All the changes do not affect the functionality of the Standards made with previous revisions.



Notes:

- 1.- Engraver! TCIP-4135 Rev "" + TPI(*) + Pos (**) + 'Thread Run out / in gauge'.
- 2.- Engraved words shall be 0.8mm deep.
- 3.- Material for the shoes: D1 Hardened and Tempered. Hardness 58-62 HRC.
Material for the run out body SAE 1045.
- 4.- Serial Number - (according to TenarisConnections specification).
- 5.- Dimension A and B shall be certified.
- 6.- The Corrosion Protection and Packaging shall be according to TenarisConnections specification.
- 7.- The Certificate shall be according TenarisConnections specification.

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<h1>MODIFICATIONS</h1>						<h2>OBJECT:</h2> <h3>TenarisConnections "n"</h3>					
Rev	Description	DRAW	CHK	APP	DATE	<h3>DETAIL:</h3> <h2>Run-In and Run-Out Gauge</h2>					
01	Position 2 added	RTL	JPA	BDD	04/24/06						
02	Position 3 and 4 added	JPA	CAT	NCR	07/24/10						
03	Changes shoe wallthickness	JPA	CAT	NCR	05/04/10						
04	Added chart with all Tenaris Connections	JPA	CAT	NCR	05/04/11						
Scale:		NOT	Date:	14/03/06		DRAWING N.:					
Drawn by:		Checked by:		Approved by:		TCIP-4135					
POD		ELT		TWA		R E V					
						page					
						04 1/2					

All sizes and weight Near Flush			Other Tenaris Connections		
Position	TPI	Sizes & weight	Position	TPI	Sizes & weight
1	4 TPI	7" X 29 #	1	4 or 8 TPI	TSH MS28 / MS28 XT/XC 6 5/8" to 9 5/8"
		7" X 32 #			TSH Blue / Blue A 6 5/8" up to 13 5/8"
		7 5/8" X 33.7 #			TSH MS/ MS XT/XC 2 3/8" to 2 7/8"
		8 5/8" X 40 #			TSH MS/ MS XT/XC 6 5/8" to 9 5/8"
		9 5/8" X 43.5 #			TSH Blue Thermal Liner 6 5/8" up to 9 5/8"
		9 5/8" X 47 #			TSH MS CB 2 3/8" to 2 7/8"
		10 3/4" X 51 #			TSH MS FGL 7"
		10 3/4" X 55.5 #			TSH MS SI 13 3/8"
		11 3/4" X 54 #			TSH PUD 2 3/8" to 2 7/8"
		11 3/4" X 60 #			TSH ER 7" to 13 5/8"
		13 3/8" X 68 #			TSH Blue FGL 6 5/8"
		13 3/8" X 72 #			TSH Blue LW 8 5/8"
		7" X 35 #			TSH MS28 / MS28 XT/XC 3 1/2" to 5 1/2"
		7" X 38 #			TSH Blue 2 3/8" up to 5 1/2"
		7" X 41 #			TSH MS/MS XT/XC 5" to 5 1/2"
		7 5/8" X 39 #			TSH Blue Thermal Liner 2 3/8" up to 5 1/2"
		7 5/8" X 42.8 #			TSH MS CB 5" to 5 1/2"
		7 5/8" X 45.3 #			TSH PUD 5 1/2"
		7 5/8" X 47.1 #			TSH HW 5" to 14"
		7 3/4" X 46.1			TSH Blue CB 5 1/2"
		7 3/4" X 48.6 #			TSH New HWSL 10 3/4"
		8 5/8" X 44 #			TSH HWSL 10 3/4" to 11 3/4"
		8 5/8" X 49 #"			TSH 3SB SL 7 5/8"
		9 5/8" X 53.5 #			TSH 3SB 4 1/2" to 13 3/8"
		9 5/8" X 58.4 #			TSH 3SB ST 7"
9 7/8" X 62.8 #	TSH MS28 2 3/8" to 2 7/8"				
9 7/8" X 65.3 #	TSH MS/MS XT/XC 3 1/2" to 4 1/2"				
10" X 68.8 #	TSH MS CB 3 1/2" to 4 1/2"				
10 3/4" X 60.7 #	TSH PJD 3 1/2" to 4 1/2"				
10 3/4" X 65.7 #	TSH EL 2 3/8" to 4 1/2"				
10 3/4" X 71.1 #	TSH MS14"				
11 3/4" X 65 #	TSH Big Flush 16"				
11 3/4" X 71 #	TSH ER 14" to 24 1/2"				
11 7/8" X 71.8 #	TSH Blue HW 10 3/4" to 11 3/4"				
13 3/8" X 77 #					
13 3/8" X 80.7 #					
13 3/8" X 86 #					
13 3/8" X 88.2 #					
5" X 18 #					
5 1/2" X 23 #					
7" X 26 #					
7 5/8" X 29.7 #					
8 5/8" X 36 #					
9 5/8" X 40 #					
13 3/8" X 61 #					
2	5 TPI		2	3 TPI	

TenarisConnections

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OBJECT: TenarisConnections

DETAIL: Run-In and Run-Out Gauge

DRAWING N.: TCIP-4135

REV. N. 04 2/2

MODIFICATIONS

Rev	Description	Drawn	Chk.	App.	Date
01	Position 2 added	BTL	JPA	BDO	09/12/08
02	Position 3 and 4 added	JPA	CAT	NCR	07/02/10
03	Changes shoe wallthickness	JPA	CAT	NCR	08/10/10
04	Added chart with all Tenaris Connections	JPA	CAT	NCR	05/04/11

Scale: NOT Date: 14/03/06 Approved by: TWA

Drawn by: POD Checked by: ELT