



(QUALIFIED DISC SPRING  
MUBEA No. 180019,  
SCHNORR No. 018994,  
PAAL No. 5466034 OR  
WINDSTON No. WLS 1034015)

**DIMENSIONS**

- De : 34 mm (+0 / -0.25 mm)
- Di : 16.3 mm (+0.18 / -0 mm)
- t : 1.5 mm (+0.04 / -0.12 mm)
- ho : 1.05 mm
- lo : 2.55 mm (+0.20 / -0.10 mm)

Characteristic at  $s \approx 0.75 ho$ :

- F : 3155 N
- s : 0.788 mm
- lo-s : 1.762 mm

Material : 50CrV4  
Modulus of Elasticity at 20°C : 206000 MPa  
Surface Finish : Shot peening  
Corrosion protection : Phosphated and oiled  
WEIGHT : 0.008 kg.

QUALITY REQUIREMENTS ACC. TO DIN 2093  
TESTS ACC. TO DIN 2093, 12.1 AND 12.2  
Certificate of tests from the current production required

REFERENCE DRG. NO. 0215-EQS-11-TB-0001.

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00	30.10.18	SRT	ADV f	05.11.18	GBP	06.11.18	GBP	ISSUED FOR ENQUIRY	-	Cat. Code 5	Acc. Code -	Status -
Rev.	Date	Name	Drawn/Prepared	Date	Name	Date	Name	Description	Acc. Code			
BAR-Code								Store Location: Server/Share \\p660215-Add				
								Store Location: Folder \\660215-Add\Acad\Lascl\Drq\Mechanical\Cell Rack				
								Store Name 0214.dwg				
Pro. Unit 11		TON 11A01AN-FNZ01		Group -		Type of Document -		Sheet 1 / 1				
Con. Unit -		Scale -		Order No. -		thysenkrupp logo						
Date		Name		PROJECT: 300 TPD CONVERSION PROJECT				Description 0214 CONICAL SPRING 34 / 16.3 / 1.5 GR.2				
Drawn 30.10.2018		SRT		pacl PUNJAB ALKALIES & CHEMICAL LIMITED NAYA NANGAL								
Prepared 30.10.2018		ADV f										
Checked 05.11.2018		GBP										
Approved 06.11.2018		GBP										

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