

# DID YOU KNOW?

about our...



**NEW  
PRODUCT**

## TCBOLT Structural Class 10.9 K0 HRC Assembly

EN 14399-10 Tension controlled assemblies are designed to eliminate operator error and installation issues in structural bolted connections. By using the specified material thickness and correct hole size, installation is safe, easy and accurate.

### APPLICATIONS

- Bridges
- Stadiums
- High rise
- Airports
- Wind farms
- Road and rail gantries
- LNG plants
- Refineries

### FEATURES

- Reduced installation issues and installer fatigue/injury
- No torsional forces during installation
- Access required from one side of steel only

» For use with **TONE®** TCBOLT Shear Wrench

**TONE®**

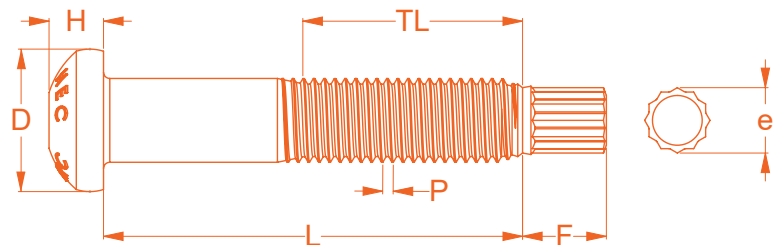
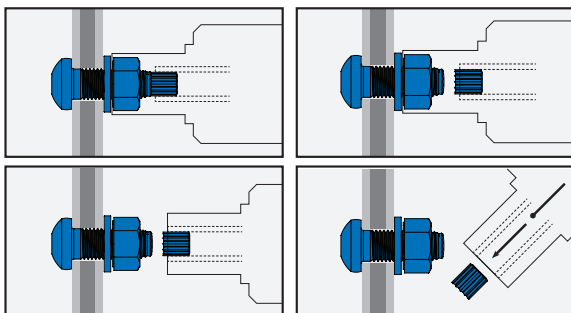


### TCBOLTS STRUCTURAL K0 HRC ASSEMBLY HOT DIP GALVANISED / EN14399-10:2018 / CLASS 10.9

Part	*Size	Length (mm)	Hole in Steel Work	Thread Pitch P <sub>Nom</sub>	Head		Thread Length			Spine Ø e <sub>Min</sub>	Spine Break-off Length F <sub>Max</sub>
					D <sub>Min</sub>	H <sub>Nom</sub>	L ≤ 125	125 ≤ L ≤ 200	L ≥ 200		
KBCT9GCM16	M16	40-80	18	2.00	27.0	10	38	44	-	12.43	18.0
KBCT9GCM20	M20	45-100	22	2.50	34.0	13	46	52	65	15.60	20.0
KBCT9GCM22	M22	55-200	24	2.50	38.5	14	50	56	59	17.06	21.0
KBCT9GCM24	M24	60-100	27	3.00	43.0	15	54	60	73	18.65	21.5
KBCT9GCM30	M30	80-200	33	3.50	52.0	19	66	72	85	23.50	26.0
KBCT9GCM36	M36	90-200	39	4.00	66.0	23	78	84	97	28.50	31.0

### INSTALLATION

\*Hole size in steel work as per AS4100  
<sup>a</sup> dimensions apply before coating  
<sup>b</sup> all dimensions in mm



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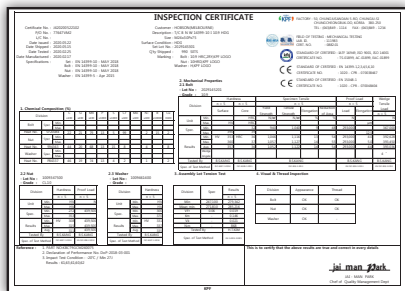
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## TCBOLT Structural Class 10.9 K0 HRC Assembly

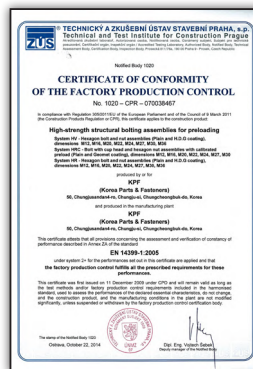
### K0 Quality Assurance Documentation Online

Test & ILAC/NATA Certificates

Trace Number	Description	Category	Part Number	Certificates
2029145301-2RY	TCB/N/W 10.9 K0 HDG:M24 X 75	Structural	KBCT9GCM240075	CE <b>F</b> <b>D</b>
2029145500-2RY	TCB/N/W 10.9 K0 HDG:M24 X 80	Structural	KBCT9GCM240080	CE <b>F</b> <b>D</b>

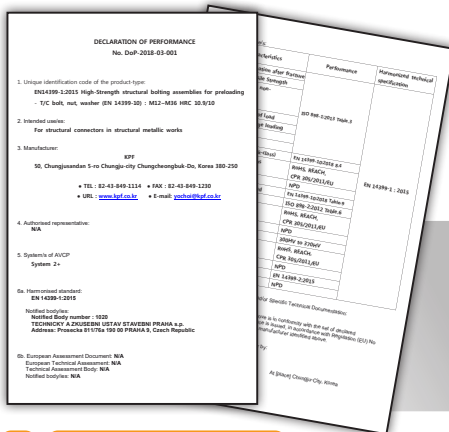


**F** **Factory Production Control (FPC)**



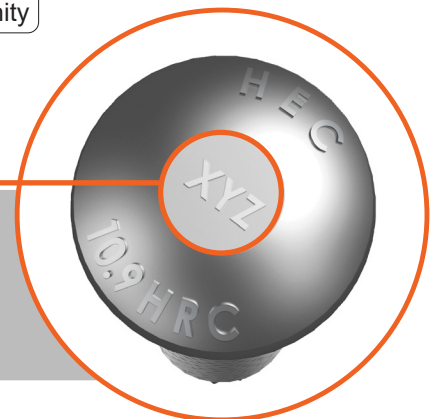
**CE** **The European Union's Certificate of conformity**

You can download this Test Certificate and/or Report from our website:  
**hobson.com.au**



**D** **Declaration of Performance (DoP)**

**Unique 3-Letter Code Reference for online test certification**



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Bolt Tension | Anti-Vibration | Product Reliability | Traceability

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