



Hydraulic Couplings

Tech Sheet 10009

Section 2 – Hydraulic QRC

TDG Swivel Joints

Description: TDG Swivel joints can be used in hydraulic systems where a rotating connection is required for example in add-on units with rotational movements of up to 360°. TDG Swivel joints minimise the extreme wear occurring in the hoses of the hydraulic system. A patented Pressure Relief Unit guarantees a long service life and smooth running even in the event of pressure hammers.

Standard Version: Body: Brass, Nitrile Seal.

Advantages: The housing is made of brass the rotating shaft is made so surface-treated steel or stainless steel. Sturdy construction with two needle roller bearings and an axis sliding bearing, adapted for combination with standardised hydraulic components. Has a maximum rotating speed 60 RPM.

Applications: Elevating mechanism, building machinery, materials handling technology and industrial plants.

DN6 Female Thread, BSPP

0071					£
TE-250	1/4"	3/8"	22	250	112.75



DN11 Male Thread, Metric & BSPP

0071					£
TE-500 W3	M18 x 1.5	M22 x 1.5	32	250	78.90
TE-500 W6	M24 x 1.5	1/2"	32	250	78.90



DN11 Female Thread, BSPP

0071					£
TE-500	1/2"	3/4"	32	250	57.45



DN17 Female Thread, BSPP

0071					£
TE-750	3/4"	1"	40	250	86.00
TE-750 RF	3/4"	1"	40	250	92.90
TE-1000	1"	1.1/4"	50	200	190.85
TE-1000 RF	1"	1.1/4"	50	200	125.05



DN11 Male/Female Thread, BSPP

0071					£
TE-500 B	1/2"	1/2"	32	250	59.60



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TFF5000/TFF7500/TFF10000 Series

Temperature Range:
 -40°C up to +100°C (Nitrile)
 -25°C up to +200°C (Viton)

Maximum Static Working Pressure:
 Safety Factor 4:1



TFF5000 Series Couplings, BSPP

0071				Operation	£
TE-TFF5010	1/2"	400	Nitrile	With valve	143.15
TE-TFF5010 V	1/2"	400	Viton	With valve	143.55

TFF5000 Series Plugs, BSPP

0071				Operation	£
TE-TFF5020	1/2"	400	Nitrile	With valve	60.05
TE-TFF5020 V	1/2"	400	Viton	With valve	59.00

TFF7500 Series Couplings, BSPP



0071				Operation	£
TE-TFF7510	3/4"	400	Nitrile	With valve	292.00

TFF7500 Series Plugs, BSPP

0071				Operation	£
TE-TFF7520	3/4"	400	Nitrile	With valve	110.70

TFF7500 Plugs with Pressure Eliminator, BSPP

0071				Operation	£
TE-TFF7521	3/4"	400	Nitrile	With valve	175.70

TFF10000 Plugs with Pressure Eliminator, BSPP

0071				Operation	£
TE-TFF10021	1"	300	Nitrile	With valve	275.25