







Multifunctional geotechnical system "GEOIZOL-MP"
Tubular screw rods and connecting units (couplers, spherical nuts etc).
TU 5264-001-50868904-2013

List of elements for \varnothing 30mm

Unit	Additional features	Short name	Picture
Tubular screw rod, 30/15, left thread, steel	P02=173kN, L=3m, $\gamma=2,88\text{kg/m}$	ShSO 030-015	
Tubular screw rod, 30/15, left thread, galvanized	P02=173kN, L=3m, $\gamma=2,95\text{kg/m}$	ShTsO 030-015	
Tubular screw rod, 30/11, left thread, steel	P02=210kN, L=3m, $\gamma=3,51\text{kg/m}$	ShSO 030-011	
Tubular screw rod, 30/11, left thread, galvanized	P02=210kN, L=3m, $\gamma=3,58\text{kg/m}$	ShTsO 030-011	
Coupler steel 38,7x110 mm	$\gamma=0,45\text{kg/pcs}$	MSO 030-038	
Coupler 38,7x110 mm, galvanized	$\gamma=0,47\text{kg/pcs}$	MTsO 030-038	
Spherical nut, 030-40-35, steel	$\gamma= 0,22\text{kg/pcs}$	GSSf 030-040-035	
Spherical nut, 030-40-35, galvanized	$\gamma= 0,22\text{kg/pcs}$	GTsSf 030-040-035	
Plate 200x200x8mm, hole \varnothing 36mm	$\gamma= 2,43\text{kg/pcs}$	PSO 030-036-08	
Plate 200x200x8mm, galvanized, hole \varnothing 36mm	$\gamma= 2,50\text{kg/pcs}$	PTsO 030-036-08	
Claw plate 200x200x8mm, galvanized, hole \varnothing 36mm	$\gamma= 2,7\text{kg/pcs}$	PTsKogt 030-036-08	
Spacer for angle compensation, steel 0-36°	$\gamma=0,74\text{kg/pcs}$	ShSSf 030-034	
Compensation sphere \varnothing 90mm, hole \varnothing 40mm	$\gamma=2,73\text{kg/pcs}$	SharSKomp 030-040-090	
Clay drill bit \varnothing 75mm	$\gamma= 0,44\text{kg/pcs}$	KSGI 030-075	

Unit	Additional features	Short name	Picture
Clay drill bit Ø95mm	$\gamma=0,55\text{kg/pcs}$	KSGI 030-095	
Hard metall button drill bit Ø51mm	$\gamma= 0,75 \text{ kg/pcs}$	KTB 030-051	
Hard metall cross drill bit Ø51mm	$\gamma=0,8 \text{ kg/pcs}$	KTPI 030-051	
Hardened cross drill bit Ø76 mm	$\gamma= 0,8\text{kg/pcs}$	KSKz 030-76	
Hardened cross drill bit Ø90mm	$\gamma= 1,17\text{kg/pcs}$	KSKz 030-90	
Centralizator Ø70mm	$\gamma= 0,28\text{kg/pcs}$	TsSO 030-070	

By customers request tubular rods can be produced by 2, 4 or 6 meters

Multifunctional geotechnical system "GEOIZOL-MP"
Tubular screw rods and connecting units (couplers, spherical nuts etc).
TU 5264-001-50868904-2013

List of elements for \varnothing 40mm

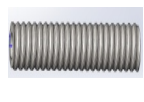
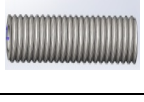
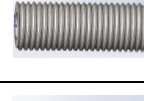










Unit	Additional features	Short name	Picture
Tubular screw rod, 40/21, left thread, steel	P02=448kN, L=3m, $\gamma=5,96\text{kg/m}$	ShSO 040-021	
Tubular screw rod, 40/21, left thread, galvanized	P02=448kN, L=3m, $\gamma=6,04\text{kg/m}$	ShTsO 040-021	
Tubular screw rod, 40/18, left thread, steel	P02=501kN, L=3m, $\gamma=6,66\text{kg/m}$	ShSO 040-018	
Tubular screw rod, 40/18, left thread, galvanized	P02=501kN, L=3m, $\gamma=6,74\text{kg/m}$	ShTsO 040-018	
Tubular screw rod, 40/14, left thread, steel	P02=565kN, L=3m, $\gamma=7,52\text{kg/m}$	ShSO 040-014	
Tubular screw rod, 40/14, left thread, galvanized	P02=565kN, L=3m, $\gamma=7,60\text{kg/m}$	ShTsO 040-014	
Coupler steel 57x140mm	$\gamma=1,41\text{kg/pcs}$	MSO 040-057	
Coupler 57x140mm, galvanized	$\gamma=1,42\text{kg/pcs}$	MTsO 040-057	
Spherical nut, 040-65-50, steel	$\gamma=0,95\text{kg/pcs}$	GSSf 040-065-50	
Spherical nut, 040-65-50, galvanized	$\gamma=0,97\text{ kg/pcs}$	GTsSf 040-065-50	
Plate 200x200x12mm, steel, hole \varnothing 56mm	$\gamma=3,5\text{kg/pcs}$	PSO 040-056-12	
Plate 200x200x12mm, galvanized, hole \varnothing 56mm	$\gamma=3,55\text{ kg/pcs}$	PTsO 040-056-12	
Plate 200x200x30mm, hole \varnothing 56mm	$\gamma=8,75\text{kg/pcs}$	PSO 040-056-30	
Claw plate, 200x200x12mm, galvanized, hole \varnothing 56mm	$\gamma=3,55\text{kg/pcs}$	PTsKogt 040-056-12	

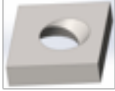


Unit	Additional features	Short name	Picture
Spacer for angle compensation, steel 0-36°	$\gamma = 2,1\text{kg/pcs}$	ShSSf 040-045	
Compensation sphere 90mm, hole $\varnothing 50\text{mm}$	$\gamma = 2,3 \text{ kg/pcs}$	SharSKomp 040-050-90	
Steel plate 220x220x40mm for sphere $\varnothing 90\text{mm}$	$\gamma = 14,2 \text{ kg/pcs}$	PSNakl 040-056-40	
Galvanized plate 220x220x40mm for sphere $\varnothing 90\text{mm}$	$\gamma = 14,3\text{kg/pcs}$	PTsNakl 040-056-40	
Wedge spacer for angle 12°, hole $\varnothing 56\text{mm}$, outside $\varnothing 102\text{mm}$	$\gamma = 1,43\text{kg/pcs}$	ShSkI 040-056-102	
Steel plate 300x200x35mm with elliptical hole 50x70mm for wedge spacer	$\gamma = 14\text{kg/pcs}$	PSOv 040-050-35	
Clay drill bit $\varnothing 110\text{mm}$	$\gamma = 1,52\text{kg/pcs}$	KSGI 040-110	
Clay drill bit $\varnothing 150\text{mm}$	$\gamma = 1,92\text{kg/pcs}$	KSGI 040-150	
Hard metall button drill bit $\varnothing 70\text{mm}$	$\gamma = 1,75\text{kg/pcs}$	KTB 040-070	
Hard metall button drill bit $\varnothing 90\text{mm}$	$\gamma = 2,4\text{kg/pcs}$	KTB 040-090	
Hard metall cross drill bit $\varnothing 70\text{mm}$	$\gamma = 0,98\text{kg/pcs}$	KTPI 040-070	
Hard metall cross drill bit $\varnothing 90\text{mm}$	$\gamma = 2,05 \text{ kg/pcs}$	KTPI 040-090	
Hardened cross drill bit $\varnothing 90\text{mm}$	$\gamma = 1,12\text{kg/pcs}$	KSKz 040-90	
Hardened cross drill bit $\varnothing 115\text{mm}$	$\gamma = 2,17\text{kg/pcs}$	KSKz 040-115	
Centralizator $\varnothing 88\text{mm}$, steel	$\gamma = 0,45\text{kg/pcs}$	TsSO 040-088	

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Multifunctional geotechnical system "GEOIZOL-MP"
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List of elements \varnothing 52mm

Unit	Additional features	Short name	Picture
Tubular screw rod, 52/31, right thread, steel	P02=592kN, L=3m, γ = 7,87kg/m	ShSO 052-031	
Tubular screw rod, 52/31, right thread, galvanized	P02=592kN, L=3m, γ = 7,97kg/m	ShTso 052-031	
Tubular screw rod, 52/28, right thread, steel	P02=682kN, L=3m, γ = 9,08kg/m	ShSO 052-028	
Tubular screw rod, 52/28, right thread, galvanized	P02=682kN, L=3m, γ = 9,18kg/m	ShTso 052-028	
Tubular screw rod, 52/20, right thread, steel	P02=870kN, L=3m, γ = 11,58kg/m	ShSO 052-020	
Tubular screw rod, 52/20, right thread, galvanized	P02=870kN, L=3m, γ = 11,68kg/m	ShTso 052-020	
Coupler steel 70x160mm	γ = 2,36kg/pcs	MSO 052-070	
Coupler galvanized 70x160mm	γ = 2,39kg/pcs	MTso 052-070	
Spherical nut, 052-80-70, steel	γ =, 1,94kg/pcs	GSSf 052-080-70	
Spherical nut, 052-80-70, galvanized	γ =1,97 kg/pcs	GTsf 052-080-70	
Steel Plate 220x220x35mm, hole \varnothing 65mm	γ = 12,1kg/pcs	PSO 052-065-35	
Galvanized Plate 220x220x35mm, hole \varnothing 65mm	γ = 12,4kg/pcs	PTso 052-065-35	
Steel Plate 230x230x50mm with elliptical hole 65/90mm	γ = 18,7kg/pcs	PSOv 052-065-050	

Unit	Additional features	Short name	Picture
Compensation sphere $\varnothing 110\text{mm}$, hole $\varnothing 63\text{mm}$	$\gamma = 4\text{kg/pcs}$	SharSKomp 052-063-110	
Steel Plate 230x230x50mm for sphere $\varnothing 110\text{mm}$	$\gamma = 16\text{kg/pcs}$	PSNakl 052-065-50	
Wedge spacer for angle 12° , hole $\varnothing 65$, outside $\varnothing 121$	$\gamma = 2,8\text{kg/pcs}$	ShSKI 052-065-121	
Clay drill bit $\varnothing 130\text{mm}$	$\gamma = 2,65\text{kg/pcs}$	KSGI 052-130	
Clay drill bit $\varnothing 175\text{mm}$	$\gamma = 5,5\text{kg/pcs}$	KSGI 052-175	
Hard metall button drill bit $\varnothing 115\text{mm}$	$\gamma = 6,4 \text{ kg/pcs}$	KTB 052-115	
Hard metall cross drill bit $\varnothing 115\text{mm}$	$\gamma = 3,7 \text{ kg/pcs}$	KTPI 052-115	
Hardened cross drill bit $\varnothing 115\text{mm}$	$\gamma = 2,18\text{kg/pcs}$	KSKz 052-115	
Hardened cross drill bit $\varnothing 130\text{mm}$	$\gamma = 2,95\text{kg/pcs}$	KSKz 052-130	
Centralizator $\varnothing 112\text{mm}$, steel	$\gamma = 1,27\text{kg/pcs}$	TsSO 052-112	

By customers request tubular rods can be produced by 2, 4 or 6 meters

List of elements \varnothing 72mm














Unit	Additional features	Short name	Picture
Tubular screw rod, 72/49, right thread, steel	P02=1041kN, L=3m, γ = 13,86kg/m	ShSO 072-040	
Tubular screw rod, 72/49, right thread, galvanized	P02=1041kN, L=3m, γ =14,06kg/m	ShTso 072-040	
Tubular screw rod, 72/40, right thread, steel	P02=1278kN, L=3m, γ = 17,92kg/m	ShSO 072-049	
Tubular screw rod, 72/40, right thread, galvanized	P02=1278kN, L=3m, γ = 18,12kg/m	ShTso 072-049	
Coupler steel 102x245mm for 72/40	γ = 8,26kg/pcs	MSO 072-102	
Coupler galvanized 102 x 245mm for 72/40	γ = 8,31kg/pcs	MTso 072-102	
Coupler steel 95x245mm for 72/49	γ = 6,18kg/pcs	MSO 072-095	
Coupler galvanized 95x245mm for 72/49	γ = 6,23kg/pcs	MTso 072-095	
Spherical nut, 072-95-70, steel	γ = 2,29kg/pcs	GSSf 072-95-70	
Spherical nut, 072-95-70, galvanized	γ = 2,33kg/pcs	GTsf 072-95-70	
Steel Plate 250x250x40mm, hole \varnothing 80mm	γ = 18kg/pcs	PSO 072-080-40	
Galvanized Plate 250x250x40mm, hole \varnothing 80mm	γ = 18,2kg/pcs	PTso 072-080-40	













Steel Plate 175x175x35mm, hole \varnothing 80mm	$\gamma = 6,74\text{kg/pcs}$	PSO 072-080-35-175	
Galvanized Plate 250x250x35mm, hole \varnothing 80mm	$\gamma = 15,44\text{kg/pcs}$	PTsO 072-080-35-250	
Steel Plate 210x210x50mm, hole \varnothing 80mm	$\gamma = 14,99\text{kg/pcs}$	PSO 072-080-50	
Compensation sphere \varnothing 170mm, hole \varnothing 90mm	$\gamma = 15,5\text{kg/pcs}$	SharSKomp 072-090-170	
Steel Plate 325x260x70mm for sphere \varnothing 170mm	$\gamma = 31,63\text{kg/pcs}$	PSNakl 072-090-70	
Steel Plate 325x260x70mm with elliptical hole for wedge spacer	$\gamma = 41,42\text{kg/pcs}$	PSKISh 072-090-70	
Wedge spacer 12 °, hole \varnothing 80mm, outside \varnothing 140mm	$\gamma = 4,81\text{kg/pcs}$	ShSKI 072-080-140	
Clay drill bit \varnothing 130mm	$\gamma = 4,9\text{kg/pcs}$	KSGI 072-130	
Clay drill bit \varnothing 200mm	$\gamma = 5,8\text{kg/pcs}$	KSGI 072-200	
Clay drill bit \varnothing 230mm	$\gamma = 8,83\text{kg/pcs}$	KSGI 072-230	
Clay drill bit \varnothing 330mm	$\gamma = 13,1\text{kg/pcs}$	KSGI 072-330	
Hard metall button drill bit \varnothing 130mm	$\gamma = 6,9\text{kg/pcs}$	KTB 072-130	
Hard metall cross drill bit \varnothing 130mm	$\gamma = 4,27\text{kg/pcs}$	KTPI 072-130	
Hardened cross drill bit \varnothing 130mm	$\gamma = 5,68\text{kg/pcs}$	KSKz 072-130	
Hardened cross drill bit \varnothing 175mm	$\gamma = 8,4\text{kg/pcs}$	KSKz 072-175	
Centralizator \varnothing 130mm, steel	$\gamma = 1,36\text{kg/pcs}$	TsSO 072-130	

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Multifunctional geotechnical system "GEOIZOL-MP"
Tubular screw rods and connecting units (couplers, spherical nuts etc).
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List of elements \varnothing 105mm

Unit	Additional features	Short name	Picture
Tubular screw rod, 105/78, right thread, steel	P02=1793kN, L=3m, γ =26,56kg/m	ShSO 105-078	
Tubular screw rod, 105/78, right thread, galvanized	P02=1793kN, L=3m, γ =26,81kg/m	ShTsO 105-078	
Tubular screw rod, 105/52, right thread, steel	P02=3004kN, L=3m, γ = 47,17kg/m	ShSO 105-052	
Tubular screw rod, 105/52, right thread, galvanized	P02=3004kN, L=3m, γ = 47,52kg/m	ShTsO 105-052	
Coupler steel 127x255mm for 105/78	γ = 7,85kg/pcs	MSO 105-127	
Coupler galvanized 127x255mm for 105/78	γ = 7,92kg/pcs	MTsO 105-127	
Coupler steel 133x290mm for 105/52	γ = 11,76kg/pcs	MSO 105-133	
Coupler galvanized 133x290mm for 105/52	γ = 11,84kg/pcs	MTsO 105-133	
Spherical nut, 105-125-80, for 105/78, steel	γ = 3,27kg/pcs	GSSf 105-125-080	
Spherical nut, 105-125-80, for 105/78, galvanized	γ = 3,34kg/pcs	GTsSf 105-125-080	
Spherical nut, 105-125-130, for 105/52, steel	γ = 6,03kg/pcs	GSSf 105-125-130	
Spherical nut, 105-125-130, for 105/52, galvanized	γ = 6,13kg/pcs	GTsSf 105-125-130	
Steel Plate 240x240x50mm, hole \varnothing 110mm	γ = 18,43kg/pcs	PSO 105-110-50-240	

Unit	Additional features	Short name	Picture
Steel Plate 285x285x70mm, hole \varnothing 110mm	$\gamma = 38,83\text{kg/pcs}$	PSO 105-110-70-285	
Steel Plate 330x330x60mm, hole \varnothing 110mm	$\gamma = 46,19\text{kg/pcs}$	PSO 105-110-60-330	
Steel Plate 310x310x40mm, hole \varnothing 112mm	$\gamma = 26,91\text{kg/pcs}$	PSO 105-112-40-310	
Compensation sphere \varnothing 225mm, hole \varnothing 110mm	$\gamma = 34,2\text{kg/pcs}$	SharSKomp 105-110-225	
Steel Plate 400x310x80mm for sphere \varnothing 225mm	$\gamma = 46,8\text{ kg/pcs}$	PSNakl 105-110-80	
Clay drill bit \varnothing 165mm	$\gamma = 7\text{kg/pcs}$	KSGI 105-165	
Clay drill bit \varnothing 220mm	$\gamma = 13\text{kg/pcs}$	KSGI 105-220	
Clay drill bit \varnothing 280mm	$\gamma = 14,1\text{kg/pcs}$	KSGI 105-280	
Hard metall button drill bit \varnothing 175mm	$\gamma = 13,8\text{kg/pcs}$	KTB 105-175	
Hard metall threeblades drill bit \varnothing 175mm	$\gamma = 16,4\text{kg/pcs}$	KTPI 105-175	
Hardened cross drill bit \varnothing 175mm	$\gamma = 9,2\text{kg/pcs}$	KSKz 105-175	
Centralizator \varnothing 165mm, steel	$\gamma = 2,94\text{kg/pcs}$	TsSO 105-165	

By customers request tubular rods can be produced by 2, 4 or 6 meters