

Table 1 - Materials:

Part	Designation	Material		
Steel, Zinc plated (Steel acc. To EN ISO 683-4:2018 or EN 10263:2001)				
- Zinc plated $\geq 5 \mu\text{m}$ acc. to EN ISO 4042:2018 or				
- Hot-dip galvanised $\geq 45 \mu\text{m}$ acc. to EN ISO 1461:2009 and EN ISO 10684:2004+AC:2009				
1	Threaded rod	Property class		Characteristic steel ultimate tensile strength
		acc. to EN ISO 898-1:2013	5.8	$f_{uk} = 500 \text{ N/mm}^2$
			8.8	$f_{uk} = 800 \text{ N/mm}^2$
2	Hexagon nut	acc. to EN ISO 898-2:2012	5	for anchor rod class 5.8
			8	for anchor rod class 8.8
3	Washer	Steel, zinc plated or hot-dip galvanised (e.g.: EN ISO 887:2006, EN ISO 7089:2000, EN ISO 7093:2000 or EN ISO 7094:2000)		
Stainless steel A4 (Material 1.4401 / 1.4404 / 1.4571 / 1.4362 or 1.4578, acc. to EN 10088-1:2014)				
1	Threaded rod	Property class		Characteristic steel ultimate tensile strength
		acc. to EN ISO 3506-1:2020	70	$f_{uk} = 700 \text{ N/mm}^2$
2	Hexagon nut	acc. to EN ISO 3506-1:2020	70	for anchor rod class 70
3	Washer	A4: Material 1.4401 / 1.4404 / 1.4571 / 1.4362 or 1.4578, acc. to EN 10088-1:2014		
		(e.g.: EN ISO 887:2006, EN ISO 7089:2000, EN ISO 7093:2000 or EN ISO 7094:2000)		

Table 2 - Minimum anchor embedment depth for All CPS threaded studs

Sl.No	Description	Minimum anchor embedment depth*
1	M8 x 110mm	80 mm
2	M10 x 130mm	90 mm
3	M12 x 160mm	110 mm
4	M16 x 190mm	125 mm
5	M20 x 260mm	170 mm
6	M24 x 300mm	210 mm

*Painted depth mark colour : **RED**